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Lancaster Farming

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The Meat Inspection Takeover

State Charges Chicanery

Eric L. Fairchild is a chief without a tribe. As head of Pennsylvania's meat inspection program, he had the misfortune of watching helplessly while the federal government smashed his department to nothing.

The U.S. Department of Agriculture says the move was prompted by a concern for the quality of meat in the state of Pennsylvania. Fairchild claims the USDA's motives were purely political. He says further that Pennsylvania's meat inspection standards were at least equal to federal standards and probably better. And he feels that Pennsylvania's program was at least as good, if not better, than the programs in surrounding states.

Fairchild explained his feelings in an interview this week with Lancaster Farming.

"I have been in this job since late November of last year. I'm a layman, not a veterinarian or a doctor. I was picked because of my administrative ability. Before this, I was an administrative officer with the Bureau of Animal Industries.

"Now, when I came to this job, I saw that the program was in trouble. There was definitely problems. I saw my mission as one of trying to accomplish a job with whatever tools were available.

"I'm convinced that we were on the right track. I know we came a long way in a short time. But the more I got into it, the more I realized that this was a lot more political than I had first imagined.

"The whole thing goes back a few years, to when Congress passed the Wholesome Meat Act in 1967. Guidelines were established in the act for the inspection of meat Sates were allowed to set up their own programs for intrastate meat operations, provided the state programs were equal to federal meat inspection. If the states followed the guidelines, then the federal government would pay 50 percent of the cost of state meat inspection.

"In December of 1970, nearly every state meat inspection program was certified as being equal to the federal government's programs. One month later, in January of 1971, the USDA begain attacking Pennsylvania meat inspection. Just one month after those same people at USDA had certified our program as being equal-to.

"I'd like to know how they could say our program was perfect one month, and grossly deficient the next. I've asked this question on a number of people, and I can never get an answer. But I think I know.

"In 1970, one veterinarian certified the entire state. He did it by inspecting 50 processing and slaughter plants and 20 custom exempt plants. These plants were supposed to be selected on a random basis But the names of the plants were leaked to state officials

"The Republicans who were in office at the time made sure that those plants were in perfect shape for the inspection. If they couldn't shape them up, they closed them down.

"So then the Democrats came into office, and the USDA started attacking The alleged deficiencies revolved around personnel. They said we didn't have enough people, and the people we did have didn't have enough training.

"In March of 1971, the chief of inspection and

(Continued on Page 27)

Winning prizes in this week's annual FFA Hog show were, left to right: Russell Kline, Reinholds, senior fitter; Nelson Messner, East Earl, junior fitter; Gerald Musser, Ephrata, senior showman, and Kerry Boyd, Ephrata, junior showman.

Champion FFA Hog Goes for $1.12 lb.

The grand champion hog at this year's 10th annual Lancaster County FFA Market Hog Show and Sale was sold for $1 12 a pound this past Tuesday Marlin Smoker, Stevens R1, and Richard Bollinger, Lititz R4, were co-owners of the hog

Penn Packing, Philadelphia, was the successful bidder, paying $229 60 for the 205 -pound crossbreed. The champion was the first of over 200 show hogs to be auctioned off in the small sale arena at the Lancaster Stock Yards

The reserve grand champion of the show was a 220-pound Hampshire shown by Joseph Lefever, Manheim R4, an FFA student at Manheim Central High School

Lefever's hog sold to Garden Spot Meats at Bridgeport for 60 cents a pound, paying his owner $132

Lefever also showed the reserve champion Hampshire which sold to Garden Spot for 31½ cents a pound Showing still another hog, Lefever took the reserve breeder-exhibitor award This hog sold to Kunzler Meats of Lancaster for 31½ cents a pound

Roger Leaman, of the Pequea Valley FFA chapter, was named the champion breeder-exhibitor of the show His 225-pound hog sold to Kunzler for 31 cents a pound

The champion pen of 10 hogs was shown by Barry Wissler, an Ephrarta High School FFA member. Wissler's hogs averaged 222 pounds each and were sold to Penn Packing for 31½ cents a pound

One hog in Wissler's prize winning pen was also the Yorkshire breed champion and sold individually to Garden Spot Meats for 32 cents a pound

The open class breed championship went to a hog shown by Dwight Martin of Manheim Central High School FFA, with

(Continued On Page 27)

Slave Auction Nets $565

"Sold for $6.25!" the auctioneer said, closing his fist and banging in on the podium Robert Hess, 17-year-old son of J. Robert Hess, Strasburg, had just sold himself into slavery, but only for a day

And he wasn't alone. There were 25 other young people who sold themselves into voluntary servitude last Friday night, for the benefit of the Farm and Home Center. The $6.25-per-hour paid for Hess was the highest sale of the evening.

Auctioneer Everett Kreider shook his head as Hess stepped down from the auction block. At $6.25 an hour, a young fellow could make a good day's wages But Kreider wasn't shaking his head at the amount. After all, last year's high was over $8.00 an hour -- and that for a girl. Young Hess, it turned out, had been sold to another slave -- Darryl Bollinger.

Bollinger, 16, is the son of Elam Bollinger, Manheim R1. "What are you going to do with your slave?" the auctioneer asked the bidder

"He's going to bale hay," Bollinger replied.

Bollinger's services were sold to Muncie Chief Hybrid Seed Co., Muncie, Pa. for a mere $3.40 per hour. Muncie Chief was the biggest buyer of the evening, snapping up the services of 11 young volunteers.

Muncie Chief and 11 other bidders altogether agreed to pay $565 to the Farm and Home Center for the services of the volunteers Bids for an hour's labor ranged from $1 50 to $6 25, and averaged about $2 75.

Mike Peifer commanded the second-highest rate of $5.10 per hour. Mervin Peifer, Manheim R1, was the bidder who captured Mike Mervin is Mike's father

This year's highest rate for a girl was $2.10, and three girls got it -- Nancy and Cathy Henkel and Suzanne Irwin.

Successful bidders will pay for their volunteers' services by sending a check to the Farm and Home Center. As in other years, the money will be used to reduce the Center's mortgage.

All bids were for an eight-hour day, with the work to be done sometime in August.

Darryl Bollinger, left, gave a muscle power demonstration last Friday night at the Farm and Home Center Volunteer Slave Auction. He convinced a buyer from Muncie Chief Hybrid Seed Co. that he was worth $3.40 an hour. Everett Kreider was auctioneer for the sale.

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Local Livestock Market, Auction News

Lancaster Auction

Wednesday, August 2

	Cattle	Calves	Hogs	Sheep
Today	687	89	242	33
Last week	687	149	438	13
Last year	1207	210	170	28
This weeks Auction	600	95	210	50
Last weeks Auction	739	168	374	13

CATTLE — Compared to Monday, Slaughter Steers steady to strong, Cows mostly steady; Bulls strong to 50 higher, instances 1.00 higher on Utility and Commercial.

SLAUGHTER STEERS — High-Choice and Prime 1050-1415 lbs 38 25-39.00; Choice 950-1400 lbs 36.25-38 00; high-Good and low-Choice 34.85-36 50; Good 33.75-36.10; Standard and low-Good 31.35-33.50.

SLAUGHTER HEIFERS — Good 850-950 lbs 30.85-33.00, couple Choice 35 10-36.25; Standard 30.00-30.50

COWS — Utility and high-dressing Cutter 26.60-28 50, couple 28 50-29 00; Cutter 25.50-27.60, Canner and low-Cutter 22.85-25.25.

BULLS — Choice 34 00-34.75, couple 35 85-36 50; Good 32.50-34.00, Utility and Commercial 32.25-35 50, few Utility 1450-1900 lbs. yield grade 1 and 2 36.00-36.60; Cutter and low-Utility 30.00-31 50.

VEAL CALVES — Vealers 1.00-3 00 higher, instances 5.00 higher on Prime.

VEALERS — Prime 61.50-65.00, seven head 65.50-67.50; Choice 55.00-60.00; Good 47.00-57.00; Standard 42.00-48.00; Utility 35 00-40.00.

SHEEP — Spring Lambs strong to 50 higher

SPRING LAMBS — Choice 75-85 lbs. 31.50-32 00, couple 50-60 lbs 35 00; Good 28.00-28.50

New Holland Dairy Cattle

Wednesday, August 2

Reported receipts of 66 head of cattle, 16 heifers, 2 bulls; market steady with last weeks market.

Load Franklin County cows, fresh, 485-625, springers, 435-580.

Load New York State cows, fresh, 460-575, springer, 425-560

Load Vermont cows, fresh, 360-520

Load Wisconsin cows, fresh, 485-680

Load Susquehanna County cows, fresh, 545-590, springers, 450-725

Locally consigned cows, 310-585

Heifers, 370-490

Bulls, 335 and 475

Lancaster Market

Monday, July 31

	Cattle	Calves	Hogs	Sheep
Today	958	191	774	185
Last week	485	212	785	125
Last year	822	280	733	301

CATTLE — Compared to last Wednesday, Slaughter Steers 50-75 lower, instances 1.00 lower; Cows steady; Bulls steady, instances 1.00 lower on Utility and Commercial. Supply included 903 in afternoon auction.

SLAUGHTER STEERS — High-Choice and Prime 1100-1400 lbs. 38.10-39.10, small lot 1470 lbs. 37.85; part load high-Choice 1280-1340 lbs. yield grade 3-5 37.10; Choice 950-1350 lbs. 36.25-38.50, few 1350-1450 lbs. 36.00-36.60; high-Good and low-Choice 32.25-37.00, Good 33.75-36.00; Standard and low-Good 31.60-33.25.

SLAUGHTER HEIFERS — Few Choice 800-950 lbs. 34.75-33.50.

COWS — Utility and high-dressing Cutter 26.50-28 50, few 29.00-29.35; Cutter 25.25-27.25; Canner and low-Cutter 23.00-25 00.

BULLS — Choice 33.75-35.50; Good 31.50-33.50; Utility and Commercial 31.75-34.00, few 34.10-35.50.

VEAL CALVES — Vealers generally steady; good demand for Holstein Heifers returned to farm, only fair demand for Bull Calves returned to farm.

VEALERS — Prime 59.00-62.00, Choice 54.00-59.00, Good 46.00-54.00; Standard 42.00-47.00.

RETURNED TO FARM — Bulk 90-120 lbs. Holstein Heifers 57.00-67.00, with 90-120 lbs. Bull Calves 45.00-55.00.

SHEEP — Spring Lambs mostly steady; Ewes fully steady.

SPRING LAMBS — Choice 65-90 lbs. 29.50-31.00, couple lots 32.00; Good 25.00-29.00.

SLAUGHTER EWES — Utility and Good 6.00-10.00.

Local Grain

Thursday, August 3

These prices are made up of the average prices quoted by six participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel, except for ear corn which is per ton.

The average local grain prices quoted Thursday, August 3 are as follows:

	Bid+	Offered+
Ear Corn	41.00	47.00
Shelled Corn	1.40	1.58
Oats (local)	.73	.87
Oats (western)	.99	1.14
Barley	1.02	1.24
Wheat	1.51	1.70

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Composite Report

Friday, August 4, 1972
Lancaster, Vintage and New Holland Markets

	Cattle	Calves
This Week	4100	1650
Last Week	3412	1727
Last Year	4903	1748

CATTLE—Slaughter Steers 50-75 lower, instances 1.00 lower; Cows steady, instances 50 higher; Bulls steady to 50 higher, instances 1.00 higher on Utility and Commercial. Supply included an estimated 60 per cent Slaughter Steers, 20 per cent Cows and 15 per cent Bulls, with the balance mainly Feeder Steers.

SLAUGHTER STEERS—High-Choice and Prime 1050-1415 lbs. 38.00-39.00, few lots 39.10-39.35; Choice 950-1300 lbs. 36.00-38.50; high-Good and low-Choice 34.85-36.85; Good 33.75-36.50; Standard and low-Good 31.35-34.25.

SLAUGHTER HEIFERS—Choice 800-950 lbs. 33.00-35.50; Good 30.75-33.00; few Standard 30.00-30.50.

COWS—Utility and high-dressing Cutter 26.50-29.50, few 29.50-30.00; Cutter 25.25-28.00; Canner and low-Cutter 22.85-25.25.

BULLS—Choice 34.00-36.25; few head 36.75-37.50; Good 32.50-34.50; Utility and Commercial 32.25-35.75, several 35.85-37.10; couple 37.50-37.60.

VEAL CALVES—Vealers opened the week weak to 1.00 lower, with this loss recovered late, and closing sales 2.00-3.00 higher, instances 4.00 higher on Prime.

VEALERS—Prime 60.00-65.00, few 65.50-68.00; Choice 55.00-61.00; Good 47.00-56.00; Standard 42.00-50.00; Utility 90-130 lbs. 35.00-42.00, 65-85 lbs. 30.00-37.00.

Lebanon Valley Auction

Tuesday, August 1
344 Head Cattle

Compared with last weeks market, slaughter steers steady to 75c lower. Slaughter cows 25c to $1.25 lower. Slaughter bulls mostly steady to weak.

STEERS: Choice 950-1200 pounds 36.00-38.00, few to 38.75; Good 34.60-36.35; Standard 32.60-33.85.

HEIFERS: Choice (few) 34.10-35.00; Standard (few) 30.50-31.10.

COWS: Utility and High Dressing Cutter 27.10-28.35; Cutters 24.75-27.00; Canners 22.50-24.60; Shells down to 21.00.

BULLS: Good (few) 33.50-35.85; Utility and Commercial 32.00-36.00; Cutters 27.85-31.10.

285 Head Veal Calves

Vealers grading Utility steady to $1 higher.

Choice 54.00-56.00, couple to 59.00; Good (few) 52.00-54.00; Utility 90-120 pounds 40.00-46.00; 70-85 pounds 36.00-39.00.

FARM CALVES: Bulls 75-115 pounds 40.00-56.00; Heifers 80-120 pounds 60.00-72.00.

Vintage Auction

Tuesday, August 1, 1972

	Cattle	Calves	Hogs	Sheep
Today	1264	903	381	57
Last week	797	791	275	11
Last year	1380	548	738	57

CATTLE — Compared to last Tuesday, Slaughter Steers 50-1.00 lower with Choice and Prime mostly 1.00 lower, small supply Standard to low-Good steady to 50 lower; Cows 25 to mostly 50 higher; Bulls uneven, Good and Choice 50 lower, Utility and Commercial strong to 50 higher. Supply included 14 percent Cows and 10 percent Bulls.

SLAUGHTER STEERS — High-Choice and Prime 1050-1350 lbs. 38.00-38.60, few 38.75-39.25; Choice 950-1350 lbs. 36.00-38.25; high-Good and low-Choice 34.85-36.35; Good 33.75-36.10; Standard and low-Good 31.50-34.00.

SLAUGHTER HEIFERS — Choice 800-950 lbs. 33.00-34.50, couple 35.00-36 50; Good 30.75-34.00.

COWS — Utility and high-dressing Cutter 26.75-28.25, few 28.35-28.85; Cutter 25.35-27.25; Canner and low-Cutter 22.75 25 25.

BULLS — Choice 33.50-35.50; Good 31.50-33.50; Utility and Commercial 32.00-35.50, several 35.50-36.25, with a few at 36.50-37.75, Cutter and low-Utility 30.50-31.75.

VEAL CALVES — Vealers weak to 1.00 lower, instances 2.00 lower.

VEALERS — Prime 57.00-61.00, few 62.00; Choice 53.00-58.00; Good 46.00-52.00; Standard 41.00-45.00; Utility 85-120 lbs. 35.00-42.00, 65-85 lbs. 25.00-35.00.

RETURNED TO FARM — Bulk 90-120 lbs. Holstein Heifers 54.00-62.00, few to 66.00; 90-120 lbs. Bull Calves 41.00-50.00.

SHEEP — Few Good and Choice 85-100 lbs. Spring Slaughter Lambs 28.00-31.00.

Regional Hay Prices

Monday, July 31

(All hay No. 2 and better, prices paid by dealers at the farm price per ton)

Hay and Straw steady to strong.

Alfalfa	35 00-40.00
	few sales to 50.00
Mixed hay	25 00-32.00
	few sales to 40.00
Timothy hay	20 00-25.00
New Straw	18 00-25.00
Mulch	10.00-16.00

Green Dragon Hay Market

Friday, July 28

22 loads hay, including: Few loads Alfalfa, 48.00-59.00; few loads Timothy, 29 00-52.50; one load Clover, 35.00; Mixed hay, 26.50-59.00.

7 loads straw, 32.00-40.00.

New Holland Auction

Thursday, August 3

	Cattle	Calves	Sheep
Today	834	457	3
Last Week	1314	573	10
Last Year	1220	502	19

CATTLE—Compared to last Thursday, Slaughter Steers 50 lower, instances 75 lower; Cows unevenly steady; Bulls 50-75 higher. Supply included 29 per cent Cows and 20 per cent Bulls.

SLAUGHTER STEERS—High-Choice and Prime 1050-1200 lbs. 39.00-39.35, lot 900 lbs. 38.75; Choice 950-1325 lbs. 36.60-38.75, few Choice yield grade 2-3 38.50-39.25; high-Good and low-Choice 35.25-37.10; Good 34.75-36.60; few Standard 32.00-34.25.

SLAUGHTER HEIFERS—Good and Choice 725-900 lbs. 32.00-34.35.

COWS—Utility and high dressing Cutter 26.50-29.50, few 29.50-29.85, couple 30.00-30.85; Cutter 25.25-28.00; Canner and low-Cutter 23.00-25.25.

BULLS—Choice 34.00-36.25, six head 36.75-37.50; Good 32.50-34.50; Utility and Commercial 32.50-35.75, several 35.85-37.10, couple 37.50-37.60.

VEAL CALVES—Vealers strong to 2.00 higher, instances 3.00 higher on Choice and Prime.

VEALERS—Prime 60.00-65.00, few 66.00-68.00; Choice 55.00-61.00; Good 48.00-56.00; Standard 42.00-50.00; Utility 90-130 lbs. 35.00-42.00, 65-85 lbs. 30.00-37.00.

Monday, July 31, 1972

Calf Receipts 176. Choice and Prime 54-62; Good and Low Choice 48-51.50; Standard 42-47.50; Common 25-41.50.

Monday, July 31, 1972

12 loads of hay and 12 loads of straw sold as follows: (prices per ton)

Timothy 27.50-44.00, Mixed hay, few loads 33.00-45.00, Straw 30.00-35.50.

New Holland Horse Auction

Monday, July 31

Reported receipts of 253 head of horses; market steady with last weeks market.

Load Kansas riding horses, 115-250.

Locally consigned work horses, 125-200, riding horses, 100-205; driving horses, 100-325; few better horses, 215-350; Mules Killer way; Killers 5-7

Mare ponies, 5-30; geldings, 5-20, colts, 5-10; larger ponies, 30-45

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Hog Prices

Lancaster Auction

Wednesday, July 26

HOGS: Barrows and Gilts mostly 25 higher.

BARROWS AND GILTS — US 1 210-235 lbs. 30.00-30.50; US 2-3 195-255 lbs. 29.00-29.35; couple lots 28.85; one lot US 3-4 285 lbs. 25.25.

Lancaster Market

Monday, July 24

HOGS: Barrows and Gilts generally 1.00 lower; Sows scarce.

BARROWS AND GILTS — US 1 210-235 lbs. 29.75-30.00; US 1-2 200-240 lbs. 29.25-29.50; US 2-3 195-260 lbs. 28.75-29.25.

St. Louis Auction

ST. LOUIS HOGS: 4500. steady to 25 higher.

US 1-3 200-240 lbs. 29.00-29.25; 100 head 1-2 200-220 lbs. 29.35-29.40, 15 head 29.50.

Indianapolis Auction

INDIANAPOLIS HOGS: 2500. fairly active, strong to mostly 25 higher.

US 1-2 200-230 lbs. 29.25-29.50; 25 head 30.00; 1-3 200-250 lbs. 29.00-29.25.

Peoria Auction

PEORIA HOGS: 3500. very active, fully 25 higher.

US 1-2 200-240 lbs. 29.00-29.25; 1-3 200-250 lbs. 28.75-29.00.

New Holland Auction

Monday, July 24

HOGS 1245: Barrows & Gilts: Mostly $1 to $1.50 lower.

US No. 1-2 190-230 lbs. 28.50-30.00; US No. 1-3 190-230 lbs. 28.50-29.00; US No. 2-4 230-260 lbs. 28.00-28.50; US No. 2-4 180-190 lbs., 26.00-28.00.

Sows: US No. 1-3 300-550 lbs. 22.50-25.00.

Boars: 22.00-24.00.

Vintage Auction

Saturday, July 29

HOGS 780: Barrows & Gilts: 50c to $1 lower.

US No. 1-2 190-230 lbs. 29.35-29.85; US No. 1-3 190-245 lbs. 28.50-29.10; US No. 2-4 250-275 lbs. 26.00-28.00; US No. 2-4 150-180 lbs. 26.10-27.75.

Sows: US No. 1-3 265-520 lbs. 23.10-24.35.

Boars: 21.00-23 50.

Tuesday, August 1

Barrows and Gilts 1.00-1.25 lower.

BARROWS AND GILTS: US 1 200-240 lbs. 29.60-29.75; US 1-2 200-240 lbs. 29.35-29.60; US 2-3 195-255 lbs. 28.85-29.25.

Lebanon Valley Auction

Tuesday, August 1
260 Head Hogs

Barrows and Gilts $1 to $1.25 lower.

BARROWS AND GILTS: U.S. 2-3 190-240 pounds 28.50-28.75; 2-4 190-250 28.25-28.35.

SOWS: U.S. 2-3 300-600 pounds 22.00-23.60.

BOARS: (few) 21.00.

Peoria Cattle

August 3, 1972

Receipts this week 4700; last week 4500; last year 3900.

Slaughter Steers and Heifer prices declined during the week. (As compared to last weeks close), slaughter sitter and heifers ended 50-75 lower. Cows and bulls were strong to 25 higher. Supply mainly Mixed Good to Choice Slaughter Steers and Heifers with only a few loads Choice and Prime. Receipts approximately 65 pct. steers; 25 pct. Heifers, 10 pct. Cows.

Slaughter Steers: Mixed Choice and Prime 1140-1300 lbs. yield grade 3-4, 38.00-38.75. Load Choice and Prime 1325 lbs. at 37.50 (on Wednesday) Choice 950-1300 lbs. yield grade 2-4, 36.25-38.00. Few High Choice 1300-1400 lbs. yield grade 4, 36.50-37.50. Mixed Good and Choice 950-1300 lbs. 36.00-36.75. Good 950-1300 lbs. 32.00-36.00. Standard to Good Holsteins 31.75-33.00.

Slaughter Heifers: High Choice with few Prime 950-1000 lbs. yield grade 3-4 36.25-37.00. Choice 800-950 lbs. 35.00-36.75; several 35.00-36.00. Mixed Good and Choice 750-950 lbs. 34.00-35.00. Good 31.00-34.00.

Cows: Commercial 24.50-25.75. Utility 25.00-27.50; some 27.75. Cutter 22.50-26.00. Canner 20.00-22.75.

Bulls: Utility and Commercial 29.50-33.00, few 33.25 and 33.50.

Oklahoma City

August 3, 1972

Estimated Receipts	10,000
Same day last week	12,929
Same day last year	8,722

Moderately active early, later trade somewhat slow; compared to last Thursday feeder cattle and calves 50c to 1.00 lower, some sales 1.50 lower; thin fleshed offerings holding up best; majority receipts High Good and Choice 400-850 lb. steers and 400-650 lb. heifers; fairly large attendance buyers.

Sales as of 12:30 P.M.

Feeder Steers: Choice, few prime 300-400 lb. 51.25-59.50, small lot 242 lb. at 65.00; 400-500 lb. 46.75-51.00, small lot 408 lb. at 51.70; 500-600 lb. 44.25-46.75; 600-700 lb. 41.50-43.50, small lot 625 lb. at 44.00; 700-800 lb. 39.00-41.30, load 700 lb. at 41.80; 800-877 lb. 37.50-40.00, load and small lot 810-834. lb. at 40.30; Mixed Good and Choice 385-500 lb. 44.50-48.25; 500-600 lb. 42.00-44.00; 600-700 lb. 40.00-41.00; 700-959 lb. 36.00-39.00; Good 550-700 lb. 37.75-41.50; 700-800 lb. 37.00-37.75, few sales mostly good 700-865 lb. Holstein steers 32.90-34.50.

Feeder Heifers: Choice, few Prime 300-400 lb. 41.50-47.00, small lot 303 lb. at 49.50 and small lot 269 lb. at 50.00; 400-500 lb. 38.50-43.00, small lot 404 lb. at 45.00; 500-600 lb. 37.25-40.25, part load 580 lb. at 40.70; 600-700 lb. 36.25-39.00; few 700-756 lb. 35.90-37.20; Mixed Good and Choice 300-500 lb. 38.00-40.00; 660 lb. 35.00-37.00; Good 460-667 lb. 34.70-35.20.

Futures Trading

(Closing bids as of Thursday, August 3)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
August	36.30	28.90		25.20
September				33.35
October	34.10	26.80		34.35
November			3.72	39.65
December	34.35	26.80		41.25
January '73				40.60
February	34.95	26.75		
March			4.41	39 90
April	34.90	24.72	4.63	38.25
May			5.30	
June	34.95	25.50		
July		25.67		
August	34.75	24.05		
October		22.50		

Trend—Cattle are stronger, Hogs are stronger, Potatoes are stronger, and Eggs are stronger.

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

Omaha Cattle

August 3, 1972

Cattle—Compared with last weeks close—Average-Good to Prime Slaughter steers mostly 1.00 lower, Standard and low-Good weak to 25c lower. Heifers 1.00-1.25 lower, instances 1.50 lower. Cows 25-50c higher. Bulls fully steady. Feeders weak to 50c lower largely in sympathy with slaughter cattle decline.

Four Day receipts 15,400 as compared 10,700 previous week and 18,500 year ago. Slaughter steers approximately 41 percent, heifers 37 percent, large share supply Good to Average-Choice. Cows short 10 percent, feeders 9 percent. Fed cattle prices declined for fourth successive week and closing levels on steers some 2.50 below early July peak and heifers 2.50-3.00 lower. In reflection of sharply decling carcass trade where volume on some days was insufficient to fully establish a trade, the downward pressure in live trade unyielding even in face of meager marketings after Monday. All buying interests took a firm stand in attempt to maintain acceptable ratio between live prices and carcass realizations.

Steers. Seven loads High-Choice and Prime 1046-1200 lbs. yield Grade 3-4 37.85-38.00 fore part of week. At midweek, load same grade 1074 lbs. yield grade 3 37.50, load 1150 lbs. 37.25. Choice 950-1300 lbs. yield grade 2-4 mianly 36.00-37.00, some mostly Choice 950-1000 lbs. 35.75. Mixed Good and Choice 950-1225 lbs 35.50-36.00, occasionally 36.25. Good 32.00-35.25, Holsteins yield grade 2-3 32.00-32 35. Standard and low-Good 31 00-32 00.

Average Cost slaughter steers first three days 36.30 average weight 1093 lbs. as compared 36.55 and 1098 lbs. previous week and 33.02 and 1080 lbs. year ago.

Heifers: Early, load high-Choice and Prime 942 lbs. yield grade 3-4 36.65 and seventeen loads same grade 900-1025 lbs. yield grade 3-4 35.85-36.50. At Midweek five loads high-Choice and Prime 950-1000 lbs. yield grade 3-4 35.65-35.75, few loads and part loads 35.50. Choice 800-1000 lbs. yield grade 2-4 closed 34.25-35.25. Mixed Good and Choice 750-975 lbs. 33.50-34.50. Good 30.00-33.50. Standard and low-Good 28.50-30.00.

Cows: Utility and Commercial 25.50-27.00, few Utility dairybreds 27.25-27.50. Canner and Cutter 23.00-25.50, Mixed Cutter and low-Utility 25.75-26.00. Shelly Canner 21.50-22.50.

Bulls: Utility, Commercial and Good 28.00-32.50, commercial yield grade 1-2 33.00, a Commercial yield grade 1 35.00. Cutter and low-Utility 25.00-28.00.

Feeders: Prices weak to 50c lower, largely in sympathy with declining slaughter prices. Outshipments near 1400 as compared 1900 previous week, supply mainly 900-1050 lb. two-way steers:

Choice 950-1068 lb. steers 36.50-37.00, high-Good and Choice 801-1089 lbs. 35.50-36.50. Standard and Good Holsteins 32.00-32.50.

Load Choice 486 lb. Heifers 42.50, few High-Good and Choice 809-920 lbs. 33.00-35.50.

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week to date	471,000	1,042,000	134,000
Same period last week	436,000	1,070,000	135,000
Same period last year	476,000	1,138,000	145,000

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Poultry Market Reports

Fogelsville

Tuesday, Aug. 1

(Prices paid dock weights, cents per pound, except where noted)

Hens, heavy type 6-14½, mostly 6-14½, Pullets 12-27, mostly 20-24, Roasters 5-30½, mostly 20-24½, Ducks 11-36, mostly 32-36; Drakes 10-11, Rabbits 18-40, mostly 25-40, Guineas 1.10-1 15½; Pigeons (per pr.) 80-2.55.

Total coops sold 343.

Auction every Tuesday. Poultry received Monday 7 P M to 10:30 P M., Tuesday 7 A.M. to 12 Noon Sale at 11:30 A.M.

Eastern Pa. and N.J.

Wednesday, Aug. 2

Prices of light type hens steady. Demand fairly good with processors operating near full capacity. Farm offerings fairly heavy as declining egg market tends to discourage holding for further production. Offerings of heavy hens ample for a fair call Occasional reports indicate some heavy hens moving to leghorn plants for canner packs Prices paid at farm: light type hens 5-9 mostly 8½-9 in Pa , mostly 8-9 in N J Heavy type hens 12-13.

Delmarva

BROILERS

Wednesday, Aug. 2

Ready-to-cook movement improved and gererally considered good as buyers prepare for weekend activity. Slaughter schedules increased in most plants in an effort to fill full needs. Advance interest developing satisfactorily at generally unchanged prices with this week's levels Prices trended slightly higher within unchanged ranges on both plant and U.S Grade A. Live supplies fully adequate Undertone fully steady to firm. Negotiated trucklot prices 2-3 pound ready-to-cook broiler-fryers for delivery next week: U S. Grade A —— Plant Grade 27-27½ Pool trucklot prices for Thursday arrival: U.S. Grade A 28-31½ M 28½ Plant Grade 27-29½ M 27½

Weekly New York Egg Market

(From Monday, July 31st to Friday, August 4th)

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	37	37	37	37	37
Large	34	34	34	34	34
Mediums	32	30	30	28½	28½
Pullets	26	24	24	22½	22½
Peewees	16	16	16	14½	14½
BROWN					
Fcy. Large	41	41	41	41	41
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Standards	28	28	28	28	28
Checks	16½	16½	16	15½	15½

Long Tone - Supplies ample and some free selling continues. Carton orders slightly improved and better improvement indicated for next week.

New York Eggs

Wednesday, Aug. 2

Prices about steady. Demand is generally no better than fair. Some improvement is noted in those instances where buyers were delaying purchases until expected price declines became effective A considerable volume is being traded at prices to be established based on lowest levels reached during the week. Floor stocks of mediums are the most abundant size available, large ample, smalls more than ample. Extra large and jumbos are well cleared. Carton demand mostly steady on all sizes with spotty features having little influence.

Chester Co. Holstein Day

The Chester County Annual Holstein Field Days have been scheduled for August 10 at Bryncoed Farms, Chester Springs. Bryncoed Farms is a division of Luden's Candy Co., and boasts a 500-cow herd.

The dairy operation is a completely new set-up, with an automatic take-off milking parlor. There is an observation deck where visitors will be able to watch the 1:00 p.m. milking

Judging will start at 10:00 a m., after which there will be a chicken barbecue. Tickets cost $2.00 for adults and $1.50 for children. Reservations can be made by calling Sam Hacker at 215-458-5275, or Glenn Freece at 215-932-9762.

The farm is located 10 miles east of Morgantown on St. Matthews Road. It is about one mile east of the Route 100 and Route 401 intersection.

Green Dragon Dairy Cattle

Friday, July 28

Report not available at time of publication.

Happy Homemaking

By BARBARA BAKER

Families who are taking small children on a vacation should put a whistle, on a cord, around the neck of each child and teach each child to blow his whistle if he strays from the family

When taking children on long vacation trips, take the television trays off their stands and put one for each child in the car. The tray serves as a desk and keeps crayons, books, etc , from falling to the floor each time a corner is turned or a sudden stop is made. Also, they are wonderful for catching cookie or cracker crumbs.

It's a good idea to carry shoe boxes, lined with aluminum foil, in the trunk of the car while on a vacation trip When you stop in at a drive-in for sandwiches, milk shakes, etc , place the food for each person in a box The boxes are especially good as trays for the children

When traveling, keep a large safety pin attached to the lining of your purse. If you slip your rings or watch on the pin when you wash your hands, you will not run the risk of leaving the jewelry behind

4-H Calendar

Monday, August 7

2:30 p m. — Kirkwood Kutters Roundup.

State 4-H Days, Penn State University, August 7-10.

Wednesday, August 9

7:30 p.m. — Mountville 4-H Sewing Club Roundup, Mountville Church of the Brethren.

7:30 p m. — Penn Manor Clashing Thimbles Roundup.

Thursday, August 10

6:30 p.m. — Penn Willow Community Club Roundup, Safe Harbor Park, Conestoga RD2.

7 p.m. — Elizabethtown-Donegal Community Club Corn Roast and meeting, Wilbur Erb's.

7:30 p.m. — Preliminary Queen Contest Judging, Farm and Home Center.

Tall crops cut visability at intersections and increase the possibility of accidents. Consider motorists, and seed corners with a low growing legume, and you will help increase the visability of approaching vehicles.

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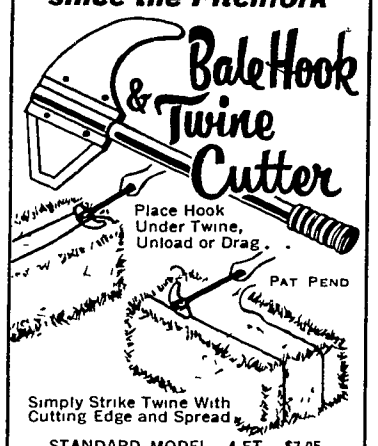

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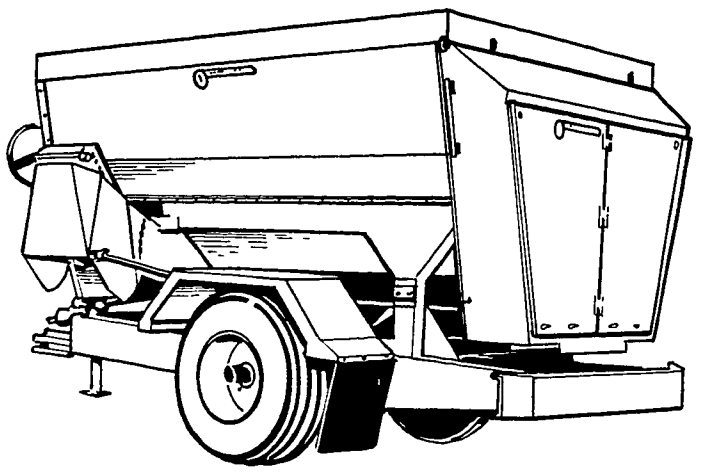

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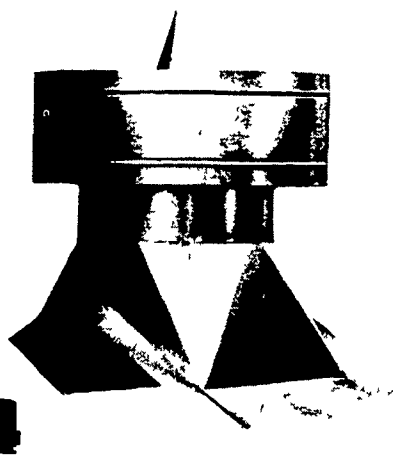

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'73 Wheat Program Includes Options and Substitution

Major provisions of the 1973 wheat program were announced this week by Secretary of Agriculture Earl L. Butz. They include the set aside required for participation, an option to voluntarily set aside additional acreage and the payment rate for the additional set aside.

To participate in the wheat program, a producer must set aside an acreage equal to 86 percent of the farm's domestic wheat allotment — the maximum provided by law. Producers will again be allowed to substitute feed grains or soybeans for wheat to preserve allotment history. The Secretary further announced that barley will again be included in the 1973 feed grain program.

In addition to the set aside required for participation, a producer may earn payment for setting aside additional acreage up to 150 percent of his 1973 domestic wheat allotment — twice the amount of additional acreage allowed in the 1972 program — at a payment rate of 88 cents per bushel. This option is aimed at encouraging retirement of additional land to prevent excessive wheat production.

"The announcement of voluntary set aside is being made much earlier than last year so the winter wheat producer can plan his wheat operation before investing any money in his 1973 crop." Secretary Butz said in outlining the 1973 program.

"Provisions of the 1973 wheat program are aimed at achieving a reduction of stocks so that producers can obtain fair rates of return on their capital and labor in the marketplace," Secretary Butz said. "Goals also include allowing each farmer greater freedom of choice to plant the commodities that best fit his individual operation and managerial talents."

Loan rate for 1973 will be $1.25 per bushel national average — the same as in 1972 — and farm-stored and warehouse-stored loans are available to producers who participate in the program. As in past years, producers who elect to set aside only the acreage required for participation will be eligible for certificates on their allotment acres and for loans on all wheat produced on the farm.

Farmers who elect to participate in the voluntary option may set aside additional acreage up to 150 percent of their domestic wheat allotment. Payment rate for this additional set aside will be 88 cents per bushel, times the farm's established yield, times the acres set aside. In 1972 the voluntary option was limited to 75 percent of their domestic allotment with a payment of 94 cents per bushel. Producers who choose this option must agree to limit their total 1973 wheat program acreage planted for harvest. The limit will be their 1972 spring and winter wheat program acreages plus the 1972 voluntary set aside minus the 1973 voluntary set-aside acreage. Program acreages are those reported and accepted for compliance in 1972.

Substitution provisions of the 1973 wheat program are identical to those in 1972 with corn, grain sorghum, barley or soybeans allowed for preservation of allotment history. The USDA also announced that the 1973 feed grain program will have a mandatory set aside for barley of not less then 25 percent of the farm's barley base, with other details of the feed grain program to be announced later.

Loan discounts for undesirable varieties of wheat have been discontinued. Undesirable varieties listed in the past were those deemed not suitable for milling purposes. The USDA said that less than ½ of 1 percent of the total acreage planted to wheat in recent years has been devoted to varieties and classes of what previously on the undesirable variety list.

Producers will again receive preliminary payments after July 1, 1973, equal to 75 percent of the estimated face value of the wheat certificate. Any remainder will be paid after Dec. 1, 1973. Face value of the wheat certificate will again be the difference between 100 percent of the July 1, 1973, parity and the national average market price received by farmers during the first five months of the marketing year. As in the past two years, a producer will earn certificate payments based on his domestic allotment times the farm's established yield, and producers are not required to plant wheat to earn certificate payments. However, failure to plant at least 90 percent of the farm's 1973 domestic wheat allotment to either wheat, corn, grain sorghum, barley or soybeans can result in reduction of allotment by as much as 20 percent. Under the Agricultural Act of 1970, if no wheat or substitute crops are planted for three consecutive years, the entire allotment may be lost. All allotments removed from farms will be reallocated to other wheat farms.

Substitution provisions allow acreage devoted to feed grain or soybeans to be considered planted to wheat to prevent loss of history and to qualify for payments. Acreage devoted to wheat or soybeans will be considered planted to feed grains to prevent loss of that base. This enables a producer to plant the combination of wheat, feed grain or soybeans that best fits his operation and preserve his planting history and program benefits.

The 1973 national wheat allotment is 18.7 million acres, as announced on April 17 (see Press Release USDA 1315-72). The allotment represents the acreage required to produce the 535 million bushels for which certificates will be issued to participating producers. The national allotment is based on a national average yield of 31.0 bushels per acre. In 1972 it was 19.7 million acres and the national average yield was 29.8 bushels per acre which also resulted in 535 million bushels on which certificates were issued to producers. The 86 percent set aside applied to the new allotment will give a producer about the same set aside this year as last.

Acreage which is not planted due to drought, flood or other natural disasters or a condition beyond the control of the producer will be considered planted to wheat. Also, any producer who makes a required acreage set aside but elects to receive no payment will not lose allotment.

Under the current program, the farmer may plant as much wheat or any other non-quota crop as he wishes after he has met his acreage set-aside and conserving base requirements. Or, he can choose not to plant wheat. Crops subject to quotas in 1973 will be peanuts, rice, tobacco, extra long staple cotton, and sugarcane.

Other provisions of the 1973 wheat program, unchanged from 1971 and 1972, include the requirement that farmers maintain their conserving base requirements as well as set-aside acreage.

Processors of wheat for domestic food use will continue to pay 75 cents per bushel toward the domestic wheat certificates' value. Again in 1972-73 marketing year, no export marketing certificates will be issued.

Established summer-fallow farms which devote at least 55 percent of their cropland to that use will not be required to set aside any additional acreage in order to qualify for program benefits.

As in 1972, land offered for set aside must be equally productive and similar to that on which the program crop is to be grown. Producers may graze set-aside acres except during the five principal months of the normal growing season, but set-aside acreage must be protected against erosion, weeds, insect damage and rodents. In 1973, sweet sorghum again may be planted on the set-aside acreage and grazed, except during the five months of the growing season.

Producers who wish to qualify for program benefits need to sign up to participate. Sign-up dates will be announced later for the 1973 program. A producer may participate in the wheat program or any or all farms in which he has an interest, as he wishes.

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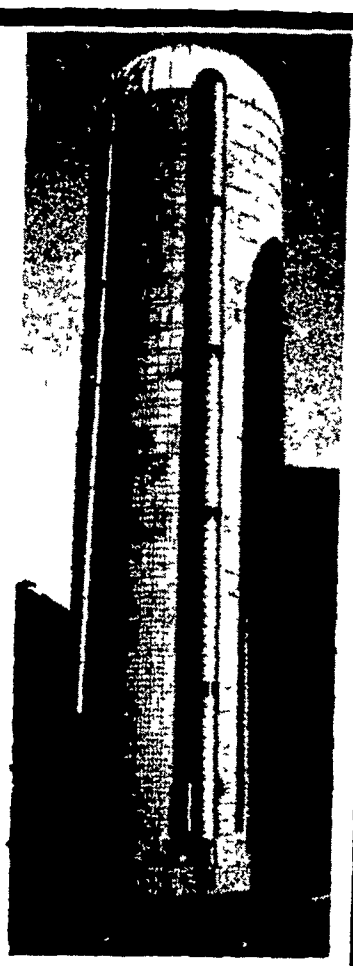

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Distinguished Service Awards "for outstanding service to the dairy industry" were presented to two Pennsylvania Dairy Herd Improvment Association supervisors at the organization's 48th annual meeting on The Pennsylvania State University campus. The recipients are Clarence Crider, center, of RD 3, Manheim, and Jay Risser, right, of 564 Lampeter Road, Lampeter. Awards were presented by Herbert C. Gilmore, left, Penn State Extension dairy specialist. Risser, who began his milk testing career in Washington County, is married to the former Lois Ann Carter, of RD 4, McDonald.

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Shapp Proclaims Aug. 7-13 Retail Farm Market Week

Governor Milton J. Shapp has proclaimed August 7-13 as Pennsylvania Certified Retail Farm Market Association Week

Shapp said certified farm markets have been growing in popularity "because they offer garden freshness, friendly, relaxed buying and an opportunity for shoppers to get out into the country."

Members of the Association certify that the products they sell are fresh, honestly packed and guaranteed to please. They also certify that the market is operated in a clean atmosphere by curteous personnel. Failure to meet these standards results in the loss of certification and membership.

Association members are also required to grow a substantial amount of the produce they sell.

Lancaster County farm markets which belong to the Association are: Cherry Hill Orchards Farm Market, Lancaster, RD6; Funk's Farm Market, Millersville, RD1; Herr Fruit Farms, Lancaster RD2, Kauffman Fruit Farms, Bird-in-Hand, and Leroy Pfautz Farm Market, Stevens, R D.1.

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Researchers Predict Bright Future for Grass Silage

Farmers produced 23 million tons of grass silage in 1970, up from 8.2 million tons just 10 years before. And now, with dairy and beef herds becoming increasingly larger, there's an more and more interest in grass silage.

New silage additives of great interest to researchers loom on the horizon. Questions as to moisture limits and length of cut are being explored. And large-scale farmers are examining silage closely as they weigh labor versus mechanization costs in the harvesting, storing and feeding of forage crops.

Forage researchers forecast a bright future for silage. Clarence Hanson, USDA director of alfalfa investigations, thinks low-moisture ensiling and feeding may double by 1980. He predicts increases particularly in the Cornbelt, Lake and Northeastern states. One of the nation's elder statesmen of animal nutrition, University of Georgia's M E. McCullough, believes total put-up and fed silage of all kinds may double in the next 10 to 15 years.

North American beef and dairy herds are increasing in size and the popularity of stored feeds is on the upswing, according to McCullough As a result, silage fed to animals — particularly dairy — is increasing and will continue to rise. Moisture, McCullough believes, is the key word in the future of silage. He suspects, however, that right now farmers are concerned with too little of it as opposed to too much. Over-curing with too little moisture is often responsible for hot, moldy and low quality silage.

There is danger, too, with excess moisture which causes seepage. McCullough simply feels the concept of drier silage has been oversold.

Dr. John Baylor, Penn State agronomist, suggests a general aim now for low-moisture silage should be about 55-to65 per cent moisture rather than 50 per cent, the previously thought optimum level. There are inherent problems in heating at 50 per cent, even in tight storage, he adds. Dr. Baylor also feels silage-making may have gone a little too far on fine-chop. Too fine a chop can go through a cow's digestive system too fast and lower her butterfat production, he explains.

Moisture will become more and more critical as farmers move into systems where they're using the silo for something more than just preserving the material. If enzymes are added in some form for altering the fermentation; if the silage is supplemented with non-protein nitrogen; or if other elements are added as a means of developing an all-in-one type silage.

Research results definitely support the continued use of low-moisture silage, wilted to 35-to-40 per cent dry matter where this can be done successfully. But USDA researchers, D. R. Waldo and J. C. Derbyshire, warn that heat damage results all too frequently.

A Minnesota survey of low-moisture silage showed heat damage occured in 27 per cent of the cases studied. Much research activity is taking place in the field of new silage additives. Waldo notes that studies here and abroad have shown promise with formic acid, propionic acid and a combination of formaldehyde and formic acid.

The use of formic acid for ensiling increased tenfold in Norway between 1956 and 1958 and English farmers, though starting later than their Norwegian counterparts, are catching up and using about half as great a tonnage each year as Norway.

Researchers and farmers who are taking a long look into the future at all kinds of silage foresee a need not just for more mechanization, but for better mechanization as well. New Holland Division of Sperry Rand forage harvester specialist, Lester E. Ober, emphasizes quality and capacity as being the two most important factors with regard to mechanization. Ober feels any silage chopper or harvesting machine should have the ability to provide a uniform cut, and also give the farmer the option of cutting with or without a screen.

C. R. Hoglund, Michigan State University's veteran farm management specialist and economist, predicts the trend toward larger and more highly mechanized beef feedlots and dairy operations will boost total use of silage and increase the amount fed daily per animal. As dairy herds increase above the 40 cow size, it is generally more profitable to substitute harvested forage for grazing, he explains. Increased numbers of cattle fed on feedlots will likely increase the total silage fed.

Hoglund notes storage and handling costs are reduced when more than 500 tons of silage are harvested annually, reflecting the need for high capacity machinery. Labor time in feeding forage can be reduced by feeding a combination of corn silage and haylage, he adds. Dr. Samuel Guss, Penn State veterinarian, agress that such a combination of feeds helps provide adequate protein and energy and also maintains the right calcium-phosphorous ratio.

On the mineral-balance side of forage feeding, Dr. Guss feels the total mineral intake from both forage and grain supplement should contain not more than twice as much calcium as phosphorus. Quality hay or haylage is likely to contain four to six times as much calcium as phosphorus. In contrast, corn silage is higher in phosphorus than calcium.

In a recently completed survey of nearly 1,000 Michigan dairy farms, Hoglund and his fellow researchers found herds most likely to expand in numbers were those with 50 cows or more. Future plans of these dairymen include new free-stall housing, increased silage storage capacity, and purchase of larger choppers and self-propelled windrowers.

In view of these developments, silo manufacturers, machinery companies and all others associated with dairy and cattle feeding are prepared for a future emphasizing silage. To date, many farmers are not equipped properly to handle the silage demands of larger herds; whether a farmer is making 100 tons or 2,000 tons, curing time takes about the same number of days. Silage-associated manufacturers are geared up and ready to provide the equipment with the capacity required to harvest and store the feeds required to maintain and promote our nation's livestock economy.

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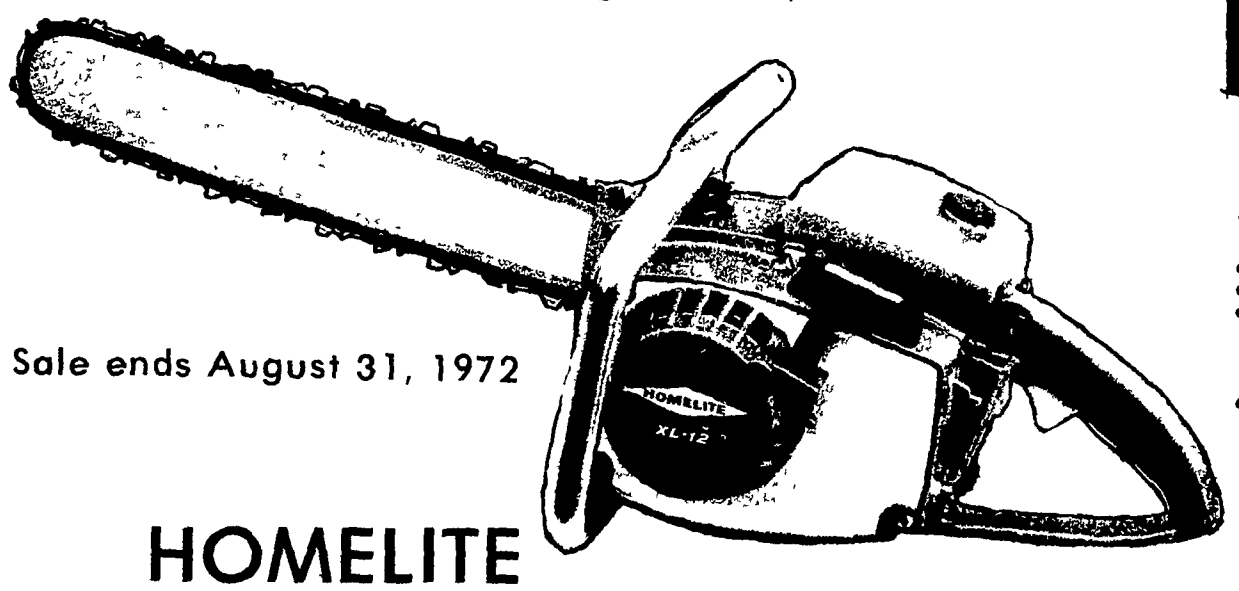

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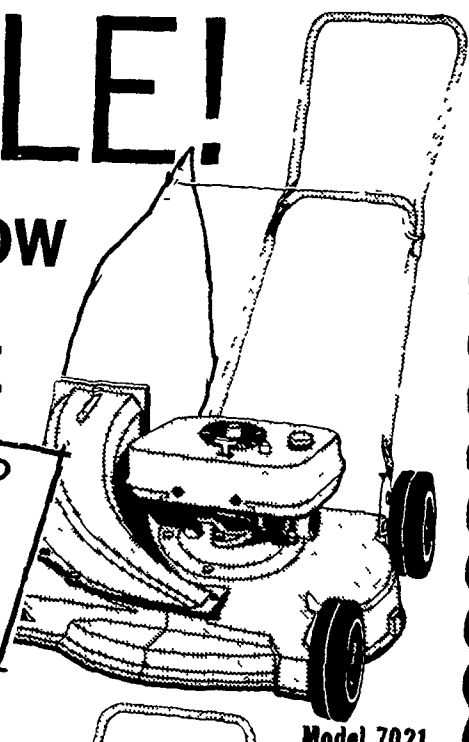

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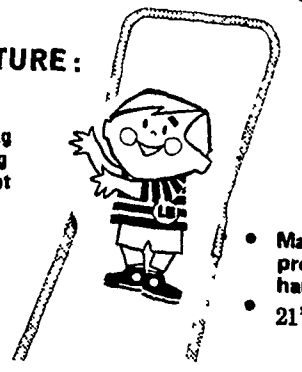

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Penn State Scientists Report Dairy Advance

Food scientists at The Pennsylvania State University are the first to determine the levels of various fat-protein particles called lipoproteins circulating in cows blood during lactation and pregnancy. The findings were reported Thursday during the annual meeting of the American Dairy Science Association at Virginia Polytechnic Institute and State University, Blacksburg, Va.

The investigations showed that the very low density lipoproteins carry fat in the blood to the mammary gland during lactation or milk secretion periods. The research is the work of Dr. Barbara C. Raphael and Dr. Paul S. Dimick of the Department of Dairy Science at Penn State.

Milk production and fat associated with lipoproteins increase to a peak as the process of yielding milk accelerates within the mammary gland, they explained. Then both decline gradually during the remainder of the lactation period.

By examining blood lipoproteins, one can look at the source of milk fat and also gain valuable insight into the role the lipoproteins play within the body, they stated. Such studies also aid in a better understanding of the interrelationships between circulating fat and heart and liver disease.

The very low density lipoproteins, one of four major classes, exist in cow's blood in low concentrations during milk production since they are removed rapidly by the mammary gland, Dr Raphael pointed out. On the other hand, these lipoproteins increase sharply in the blood when the cow is not producing milk—since the need for fat in milk synthesis has stopped.

Discovered Yarn's Effects

John Mercer, an English calico printer and chemist, discovered the effects of mercerized cotton yarn in 1844 and was granted an English patent in 1850

To Secure Permit For Farm Ponds

The proper management of the farm pond requires some attention at this time of the year. Many pond owners report heavy growth of algae and various pond weeds. These are very difficult to control with the rapid turnover of the water in the pond. Before the pond may legally be treated to eliminate these problems a permit should be obtained from the Pennsylvania Fish Commission. Applications are available at our Extension Office for this permit. The name of the chemical must be mentioned and approved before the pond should be treated. Farm pond owners are urged to secure this permit and not take the risk of treatment without permission

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Meat - Another Look

One man's view of the meat inspection donnybrook is explained at length in this week's lead article. Although we can't agree with everything Eric Fairchild said, we felt his views should be made known.

In this matter, it would be understandable if Farichild were not completely free of bias. He did seem to be a reasonable man, and he did seem to have an exhaustive grasp of the political machinations that have been going on. He did not seem unduly persuaded that his was the only possible viewpoint.

We cannot deny his facts, we cannot verify them. We have presented his view of the facts, and we commend him for presenting them so candidly. We would welcome an equally candid presentation from the USDA.

But we're not holding our breath. If candor were water, you couldn't squeeze enough out of both Washington and Harrisburg to keep a desert lizard alive.

There are really three important points in the meat inspection controversy, and no one has paid much attention to them, except for an occasional flap of lip service. They are, as we see them:

1. What effect will the federal takeover have on small meat operations, and how can any adverse effects be alleviated?

2 What is the best way of insuring that the meat on the average table is a good, wholesome product?

3. How can states and individual citizens protect themselves from the spreading tentacles of federal bureaucracy?

First point. Secretary McHale's people charge that the federal takeover will do irreprable harm to the state of Pennsylvania. They say it will drive out the small buthcher, it will limit competition, it will result in higher meat prices, it is exactly what the big packing companies want, it will hurt livestock auction receipts, small farmers' prices for fed beef, and put poorer quality meat on Pennsylvania tables.

One could easily get the feeling from Secretary McHale that the entire Keystone State will just down a stainless steel drain under federal meat inspection.

Reality, however, is something else. Not quite so serious. Interstate meat operations will not be affected at all by the federal takeover, simply because they are already federally inspected.

Most small operators previously state-inspected are already using practices and facilities which are perfectly acceptable under federal regulations. A check with half-a-dozen or so Lancaster County butchers revealed that no one was going to have to spend $100,000 to get his butcher shop covered with stainless steel. There is only one major gripe, and that is the fee for after hours inspection.

Federal inspectors work an eight-hour day. It is within their power to mandate a small operator's hours for processing. If the inspector quits at three o'clock, the shop has to quite at three, or else pay the inspector $9.36 an hour overtime.

Without a doubt, this $9.36 is going to prove a burden to the owner of a two or three-man operation who feels he has to work overtime several days a week. Many owners don't even take $9.36 an hour from their operations. Something should be done for these people if federal meat inspection stays, and it looks like it will.

We have proposed, both to Washington and Harrisburg, a means of removing this burden from the small operator. We recommend a sliding scale of payments to any federally inspected processor, with fewer than 15 full-time employees, who requires the overtime service of a meat inspector.

For example, if a man had one helper in his shop, the government, either state or federal, would pay the entire $9.36 per hour. If he had six helpers, the payment would be reduced to, say, $5.00 per hour, with the owner paying the other $4.36. If he had sixteen people, he'd have to pay the entire $9.36.

This kind of program would give most of the help to the people who need it most. Some very small businessmen are small because they're not very good at running a business. This is the kind of business that soon goes bankrupt. Some businessmen are small simply because they'd rather be small. This is the kind of man who can be regulated out of business.

Government should make a special effort not to regulate away the small businessman. In the meat industry, the USDA will be regulating away the small butcher shop if they treat the small man they same way they treat the giant packing houses.

People in Harrisburg say that our porposal is unconstitutional. People in Washington say it's impractical. We hope somebody takes a closer look.

As to stifling competition, federal meat inspection is going to have no effect at all. Meat prices are determined by supply and demand, not the dictates of Swift and Armour. There's not even the remotest possibility that federal inspection will result in the demise of all but the three or four biggest packers.

And even if that did happen, we'd still have fair meat prices because we'd still have competition. We only have four automobile companies in this country, and yet you can still buy a car for $2000. As long as there are at least two parties slugging it out in the marketplace, you've got competition.

Second point. People eat meat every day, and hardly anybody dies from it. Indiscriminately, they buy federally inspected meat, state inspected meat and non-inspected meat. The last shouldn't happen, but it does. With respect to the quality of meat that reaches the table, it just doesn't seem to make much difference who inspects the meat.

Third point. The USDA is charged with looking after the welfare of people who grow food and people who eat food. And that includes everybody.

This is their only responsibility. It seems that in this instance, there is a possibility that they are acting not out of concern for ordinary citizens, but out of concern for their institutional survival.

It seems somehow Orwellian that our federal government can simply mandate away a state program. Pennsylvania has, of course, appealed to the courts in this instance. This appeal came, though, only after the takeover was a virtual fait accompli And it appears that the appeal has failed.

There sould have been some means of arbitrating this dispute between the Pennsylvania and the USDA.

Obviously, the USDA isn't the only spreading bureaucracy, nor is it the only agency staffed with too many people more interested in the welfare of the institution than in the welfare of the people the institution was designed to serve.

What's happened in meat could happen in welfare, transportation, communications, and every other function which is subject to state and local regulation.

We will be told that massive federal programs are more efficient than whole rafts of smaller regional programs. And there's a good deal of truth in that.

But by taking away state and local initiative, you also take away some of the diversity between different states and different localities.

Diversity has its price, that's true. But it has its charm, too, and it has its place.

NOW IS THE TIME . . .

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To Be Thankful For Research

The merits of agricultural research are being challenged by some farm authorities in this part of the country. I'd like to call attention to the fact that our 1972 corn crop is not being threatened at this time by the serious southern leaf blight as it was just a year ago. The reason being that through research and plant breeding on the part of both the commercial corn breeders and land grant university research workers, the varieties being grown this year are resistant to the disease. This kind of scientific progress is being made every year on many crops throughout the country. The experimentation to locate the best varieties and those that are resistant to many infections has contributed considerably to many of our local farm and garden crops. Don't stop agricultural progress by reducing research work.

To Fertilize Strawberries

Many strawberry growers did not have a chance to harvest all of their 1972 crop, the weather took care of those late berries. In looking forward to next year it is advised to fertilize the plants now in order to encourage the development of fruit buds for the 1973 crop. The use of a 10-10-10 fertilizer at the rate of 1 pound for each 80 square feet of strawberry bed will help get a better crop for next year; also, this fertilizer will help encourage new runner plants. Apply the fertilizer when the plant leaves are dry in order to avoid fertilizer burning.

To Secure Livestock Equipment

The handling of livestock with a minimum of stress and excitement will more than pay for the equipment needed. Loading chutes are almost a necessity if animals are to be handled properly. Cutting gates, sick pens, and head gates are a part of good livestock management. Now would be a good time to construct or purchase some of this equipment, if it is needed. The fall feeding season is approaching when more livestock traffic will take place to and from many farms Plans for many of these pieces of equipment are available at our Extension Office.

To Plan A Waste Disposal System

The subject of pollution will be with us for many years. All livestock producers should be interested in keeping both air and water pollution to a minimum; especially water pollution must be kept to a minimum. In the case of new construction, a waste disposal system will be needed and have to be approved before a building permit will be issued. Run-off from barnyards and feedlots must be kept from washing directly into public streams. Diversion ditches and settling ponds may be of some help in many places. The important thing is that producers become interested in preventing pollution of all kinds and manage their operations according to the best known disposal methods and sanitation practices. Most non-farm people residing in the rural areas will be less likely to file a complaint if they understand the problem and notice that the farmer is trying to do a good job

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

MUTUAL STIRRING

Lesson for August 6, 1972

Background Scripture Psalms 122, I Corinthians 11 23-28, Hebrews 10 23 25
Devotional Reading Psalms 34 1 10

" I was glad when they said to me, 'Let us go to the house of the Lord!' "(Psalms 122 1), says the psalmist.

There are many people today who do not share his gladness. They do not "enjoy" congregational worship. "I don't get anything out of it," they sometimes say

Rev. Althouse

Actually, many of these people miss the point a good deal of worship has to do with what you give, rather than what you get The psalmist, for example, prays for the needs of others "For my brethren and companions' sake, I will say, 'Peace be within you!' " (122.8). His focus is not upon "getting" something "For the sake of the house of the Lord our God, I will seek your good" (122 9)

The by-product

In his book, SURPRISED BY JOY, C S. Lewis tells us that after many years of fruitless searching, he found that joy is a by-product In seeking something of a less self-centered nature, he was often "surprised by joy." When he sought it, it eluded him

Perhaps one of the reason some people don't get "anything out of worship" is that they are not putting anything into it They are seeking peace, but not giving it They want to find inspiration, but perhaps, like joy, inspiration is a by-product of self-giving Perhaps it was because he was willing to pray for the peace of others, that the psalmist found so much joy in going up to Jerusalem to worship in the temple.

Maybe the next time we come home from church we ought to ask, not what we got out of it, but what we put into it. The writer of Hebrews puts his finger on this same idea "let us consider how to stir up one another to love and good works . encouraging one another . . ." (Hebrews 10:24, 25). Actually the church ought to be a kind mutual-stirring society. If we worship, we will focus on encouraging others, inspiring them If we do, we will probably find that we ourselves have been inspired as well

The great neglect

A pastor once called on a man who, though still professing to be a Christian, had absented himself from worship in the church for a number of years "I don't want to offend you, Pastor," he said, "but I feel I can be a Christian just as easily by sitting here by my fire and listening to a church on the radio"

The minister said nothing for a few minutes, staring into the fireplace and its cozy fire. Suddenly he leaned forward and grasping the fire tongs, he lifted a burning coal out of the fire and placed it by itself on the stone sill. In a few minutes the coal stopped glowing and went out. The parishoner watched all this and then said "I get the point; I'll be in church on Sunday."

Without each other and our mutual stirring, the fire of faith grows dim and goes out.

AGWAY

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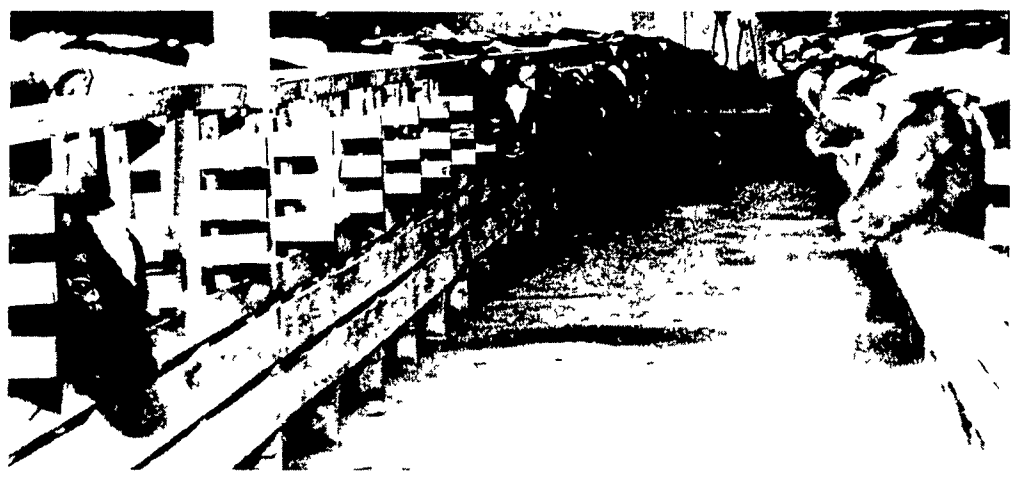

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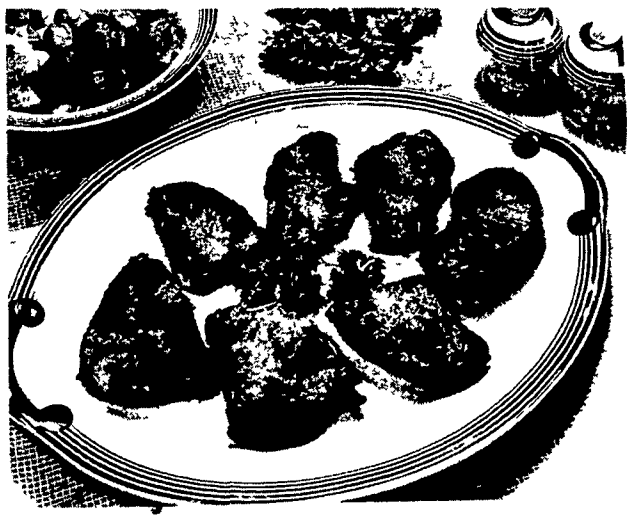

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FFA's Martin Meets With Ag Secretary Butz

Nelson Martin, President of the Pennsylvania FFA Association was one of 82 FFA officers who met Wednesday with Secretary of Agriculture, Earl L. Butz. The hour long meeting was a highlight of a week-long State FFA Presidents' Conference in the Nation's Capital. The conference was sponsored by General Motors Corporation as a special project of the National FFA Foundation, Inc. Nelson is the son of Mr. & Mrs. Clyde W. Martin, East Earl, R.D.1.

The purpose of the State Presidents' Conference program was to improve leadership skills, develop an understanding of the national heritage, and prepare state FFA officers for more effective leadership roles in their state FFA Associations. The conference also provided a forum for the exchange of ideas among officers from every state in the nation and was an opportunity for officers to discuss national issues such as FFA constitutional changes before the National FFA Convention in October.

Prior to their meeting with Secretary Butz the officers toured a National Farm Safety Week display of farm equipment on the lawn of the U.S. Department of Agriculture buidding. The exhibit was a public demonstration of the progress that has been made in providing safer machinery for the nation's farmers. The display was set up by the Farm and Industrial Equipment Institute, the trade organization of the nation's farm equipment manufacturers and a sponsor of the National FFA Safety Award program.

Officers moved from the farm safety display to a conference room in the U.S.D.A. where they had a brief discussion on education issues with Michael Russo, acting director of vocational and technical education from the U.S. Office of Education. Among many things Russo explained recent legislation which has made possible expanded educational opportunities in vocational training including agriculture. He expressed the need for youth organizations like the FFA for development of all vocational education students.

Nelson Martin, East Earl, president of the Pennsylvania FFA Associations, is greeted by Secretary of Agriculture, Earl L. Butz during the State FFA Presidents' Conference held in Washington, D.C.

The visit to the U.S.D.A. and discussion with Secretary Butz were only part of an action packed week for Martin and his fellow FFA officers. Following their Department of Agriculture visit, Officers were treated to an exclusive cruise on the Presidential Yacht Sequoia.

On Friday they visited the White House for a special tour of the Presidential Home, highlighted by a meeting with President Richard M. Nixon. Officers also visited historic and memorial sites in Washington placing a wreath at the Tomb of the Unknown Soldier.

The week long program concluded with a banquet and special program presented by the National FFA Officers.

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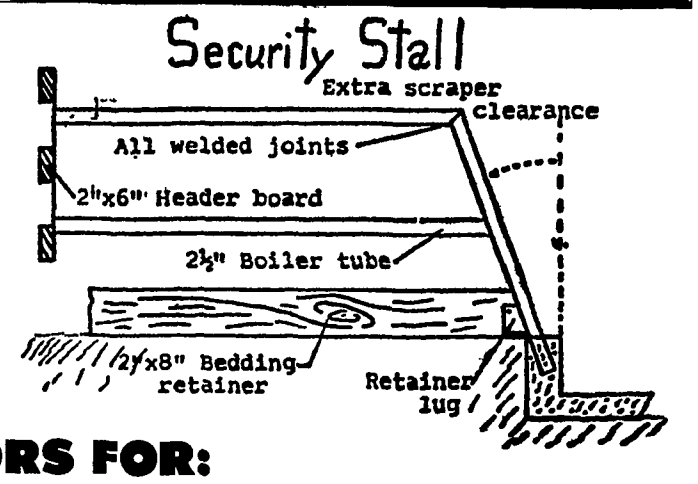

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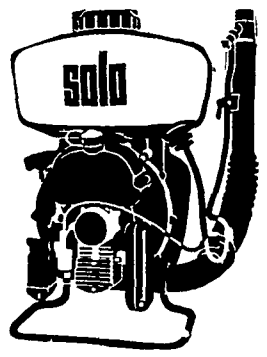

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New Cases Hamper Hog Cholera Eradication

Hog Cholera in a 7,000-head New Jersey swine herd and new cases in Texas and Nebraska are hampering efforts to reach the final stage of the Cooperative State-Federal Hog Cholera Eradication Program, the U.S. Department of Agriculture (USDA) reports.

Veterinarians with USDA's Animal and Plant Health Inspection Service (APHIS) said that hog cholera outbreaks at widely separate locations are preventing key states from becoming hog cholera-free and threaten other States with reinfections.

New Cases in Burlington county, N.J., Adams county, Nebr., and several counties in Texas bring the national total of hog cholera cases to 62 thus far in 1972. Only 18 cases were reported during the last six months of 1971. All infected and exposed herds have been destroyed and their owners have been paid State and Federal indemnities.

The New Jersey case on July 6 involved one of the largest herds in that State, which may have become infected from eating inadequately cooked garbage.

Forty-nine cases have been reported to date in Texas since a major resurgence of the disease occured in that State on December 15, 1971. The most recent cases were discovered in Dawson and Mitchell counties on July 3 and 5, respectively.

Officials are particularly concerned over the increase in cases in Texas, following control efforts by a State-Federal team of veterinarians and livestock inspectors last January and February. Cases have increases from one in April, to four in May, and eight in June.

Two cases in Nebraska, the first in that State in 20 months, were attributed to the recent Texas outbreaks. Boars shipped from Texas to Nebraska for slaughter were diverted to an Adams county, Nebr. farm for further fattening. They had already contracted the disease, and the entire herd was found to be infected on June 10. Subsequently, on July 13, hog cholera was found in another Adams county herd, managed by the same owner.

Other cases reported this year include 10 in North Carolina from March 1 through June 13; 4 in South Carolina on March 16 and April 14 and 21; 2 in Georgia on April 8 and May 5; and 2 earlier New Jersey cases on April 7 and May 23.

Cholera was diagonosed in a slaughtered hog at a Florida packing plant on June 1; however, none of the herds supplying the 194-head slaughter shipment was found to be infected. Surveillance is continuing.

Federal and State quarantines are placed on all outbreak areas. Infected and exposed swine herds are destroyed, with indeminity payments being made to owners. State and Federal veterinarians check nearby herds for unreported cases, and all reports of sick swine are investigated.

Federal quarantines are now in effect in all or parts of 7 counties in Texas, two in New Jersey, and one each in Nebraska and North Carolina.

Gordonville Holstein Hits 150,000 lbs.

Breezy Glen M Cutie 5205218, a Registered Holstein cow owned by Donald S. Eby, Gordonville has recently been added to a select list of cows that have produced more than 150,000 lbs. of milk in their lifetime.

Her actual lifetime totals are 154,960 lbs. of milk and 6,149 lbs. of butterfat in 3,448 days since becoming two years of age. This amounts to food production in excess of 69,000 quarts of milk.

Many factors determine whether or not a cow will produce such a great quantity of milk. High production is important, but equally important is a long, healthy life. Dairymen today prefer cows that remain in the herd for a number of years because they reduce operation costs, thus increasing the herd's profit margin.

One out of every 100 books published in 1971 was a cookbook (Grocery Mfr., May). Cookbook sales run between $150 million and $200 million a year, about the size of the cake mix market. There are about 1,200 cookbooks now in print.

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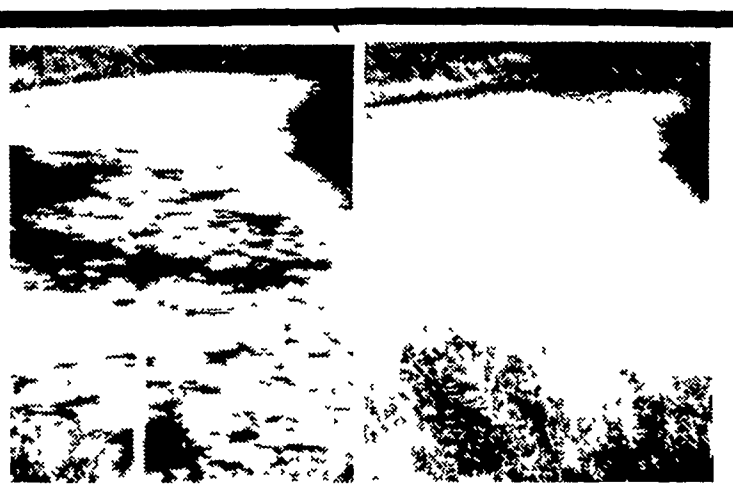

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Soybean Products Gaining Popularity in Marketplace

Soy proteins have come of age in the United States — so much so, in fact, that given certain assumptions they could replace as many as 8 per cent of the animals we'd otherwise need to meet our red meat needs by 1980.

However, the USDA's Agriculture Statistical Reporting Service says that even with such replacement, we'll still have to have about 10 per cent more red meat than at present to supply our 1980 requirements

Soybean proteins are penetrating the meat market in two ways

—As analogs which resemble specific meats in color, taste, and texture; and

—As substitutes for meat in processed items (patties, chili, casserole-type dishes, et cetera).

Analogs are already on the market in a number of forms, including bacon-like bits and slices, ham, beef, seafoods, and chicken. However, with the exception of the bacon, most analogs have had only limited distribution and can claim but a miniscule share of the red meat market. Their share is expected to remain relatively small even by 1980.

It's the meat-type extenders that have the greatest growth potential this decade. Researchers in the Economic Research Service figure that by 1980 these products could, under certain conditions, displace 10 to 20 per cent of the meat in meat-type food preparations in both the insitiutional as well as the retail food market.

A look at costs tell why.

Soy flour and grits are the simplest forms of soy proteins currently being made. Their crude protein content ranges from 40 to 55 per cent and the price per pound of net utilizable proteins runs from 5½ to 11½ cents

Soy concentrates, made by further processing the meal, are 60 to 70 per cent crude protein Their prices are a bit higher than the grits and flour because of the extra processing and the lower yields of finished product The range is anywhere from 18 to 25 cents a pound.

Soy isolates (even more highly processed and containing 90 to 97 per cent crude protein) have prices in the 35-to-40-cent range while textured soy proteins that are extruded and spun to look like real meats cost upwards of 50 cents per pound of net utilizable protein

Compare those soy protein costs with the ones for a few other foods and you'll easily see why institutional feeders such as schools and hospitals are using them more frequently

Some examples: beef - $3.26 per pound of net usable protein, chicken - $2.47, fish - $3.07, whey (dry) - $0.84, milk - $2.34, skim milk (dry) - $0.79, eggs - $2.09, dry beans - $0.65, wheat - $0.41, cottonseed flour - $0.58, rice - $1.71.

Add to these cost advantages the functional pluses of soy proteins—water and fat retention, improvement in keeping quality, and browning effects—and soy proteins appear to have a bright future.

Restaurants, too, may well step up their use of soy protein extenders if animal proteins continue to get more expensive.

Food served in restarurants is not subject to the same labeling and identification requirements as food sold directly to consumers—which means the away-from-home eating market is more susceptible to penetration by substitutes. And it's quite a market—worth $35 billion in 1969 and growing rapidly.

If standards of identity and labeling are modified over time, soy extenders may also find their way into more products sold at retail—especially ground meat items like sausage, hamburger, luncheon meat, and hot dogs as well as certain types of frozen dinners and canned products.

The lower cost of vegetable proteins—added to consumer concern over the use of animal fats in the diet—has already helped win consumers over to the concept of soy products much faster than food experts dreamed possible.

Soy analogs, of course, still face considerable resistance. While they're approaching the flavor and texture of the meats they imitate and are priced comparably with natural meat on a cooked basis, on an uncooked basis in the store they seem high-priced to consumers.

In addition, the high prestige of steaks, roasts, and other meat cuts makes it difficult for substitutes to gain acceptance.

Dome of the Rock

Jerusalem was one of Mahomet's favorite cities. Legend has it that the rock in the Dome of the Rock, a Moslem mosque in that city, bears the imprint of the rear hooves of Mahomet's white horse, which the Koran says he rode up into heaven

About 9 cents of each dollar, or some $8.6 billion out of the $101.6 billion spent by food shoppers last year, is spent on packaging. In addition, between 3 and 9 cents goes for advertising costs, depending on the manufacturer, says the Chicago Daily News, April 15, 1972

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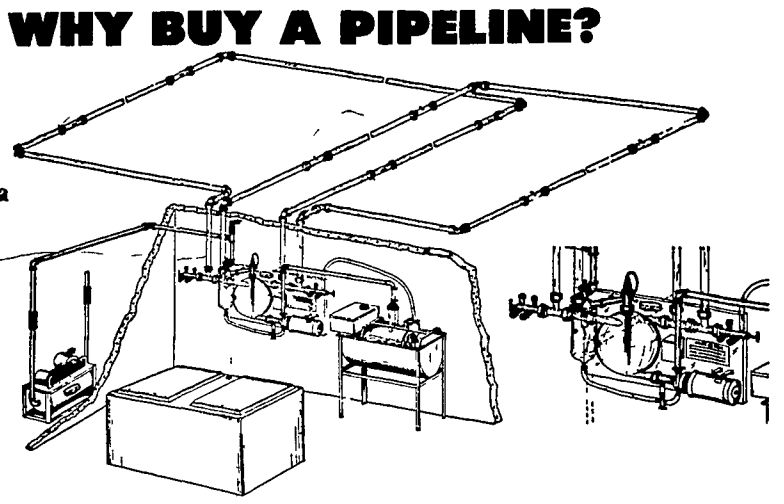

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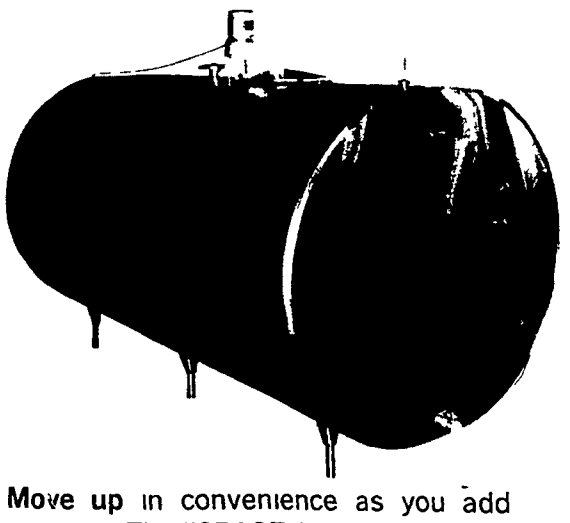

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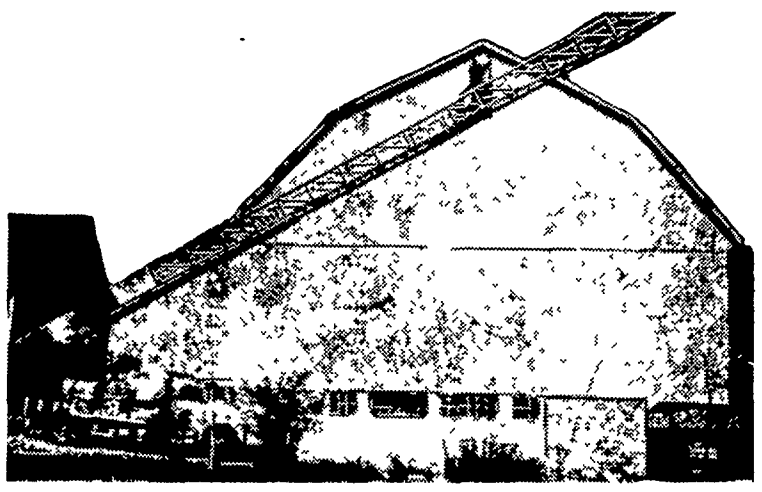

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Human Trace Element Need In Diets Not Fully Defined

Man be the most poorly nourished creature in the animal kingdom, a scientist from Penn State observed recently.

The problem may arise with levels of minerals elements in human foods, stated Dr. Roland M. Leach at a meeting of the American Association for the Advancement of Science held in Philadelphia

Recommended daily mineral allowances for human diets have been established only for iron, Leach pointed out. In contrast, the nutritional requirements of animals such as swine and poultry, laboratory animals, and pets are known and their food is formulated to meet their needs.

On the basis of studies to date, Leach questioned whether trace elements such as iron, copper, zinc, manganese, selenium, and chromium may be deficient in human diets. Involved in numerous studies of trace elements, he addressed the AAAS meetings as associate professor of poultry science at Penn State.

He listed three factors that could reduce the availability of trace elements in food: (1) A shift from a soil-plant-animal-man food chain to the more direct route of soil-plant-man food chain, (2) removal of trace elements through refining, already a problem, and (3) the chemical form in which the element is presented. As an example of the latter, the forms of iron used to fortify foods have very poor biological availability, according to recent experiments.

He claimed the proposed widespread use of plant protein concentrates for human diets is a matter for concern. While plants may prove to be excellent sources of vital protein, trace elements in these food products may be poorly utilized by the human digestive system.

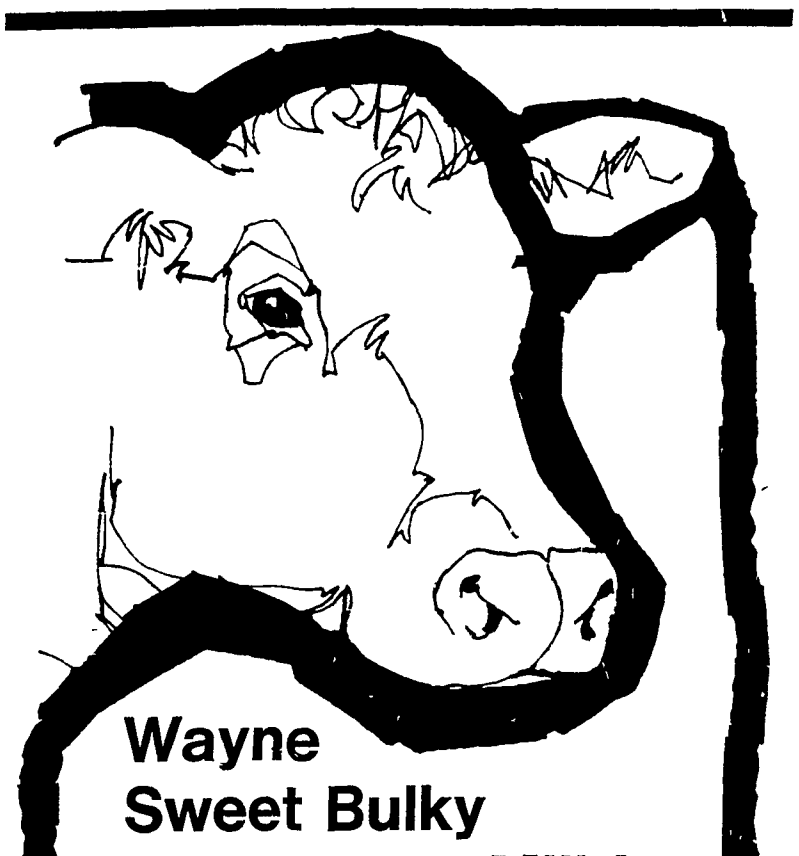
Experiments with animals have demonstrated that phytic acid—common to plants—is the primary factor responsible for poor availability of trace elements in plant products. Zinc is the element most severely affected by phytic acid. There is some evidence that manganese, iron, and copper may be affected similarly, Leach said.

Three techniques are available, he claimed, to correct trace element shortages caused by phytic acid The first is to develop plants free of phytic acid through genetic selection. The second mehtod is to increase the natural trace element levels in plants through fertilization and breeding. The third possibility is to fortify diets, as now done with iron.

Trace element deficiencies or imbalances can also be induced, he observed, by introducing toxic quantities of mineral elements into the food chain. Heavy metals such as cadmium, lead, and mercury--applied to the soil from sewage sludge and animal wastes—could possibly interfere with the soil-plant-man trace element food chain

xxx

Motor-vehicle accidents are one of the major causes of death and injury to agricultural workers An important aid to accident prevention on public roads is use of the slow-moving vehicle emblem on vehicles designed to travel at 25 m p h or less, says the National Safety Council. The Williams-Steiger Occupational Safety and Health Act requires the use of the emblem on all such vehicles operated by farm or ranch employees.



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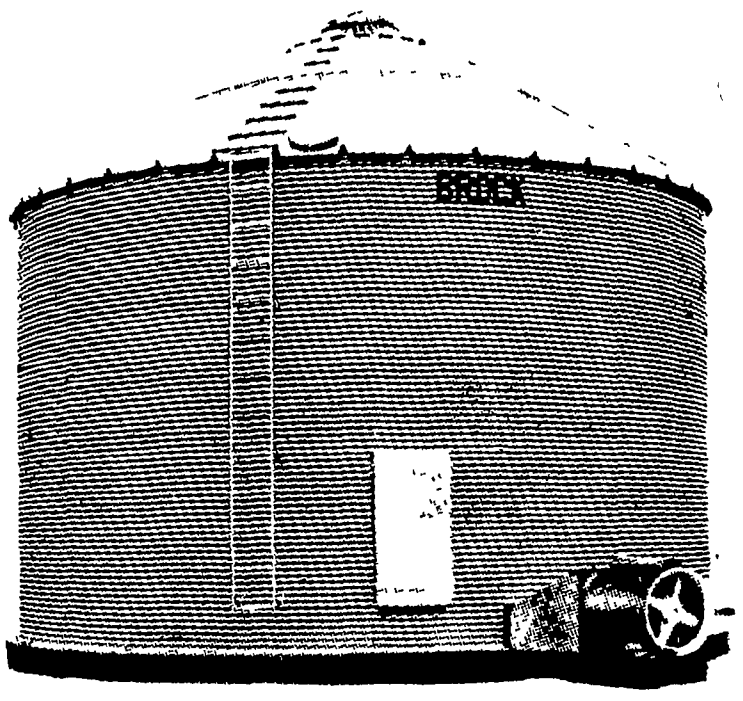

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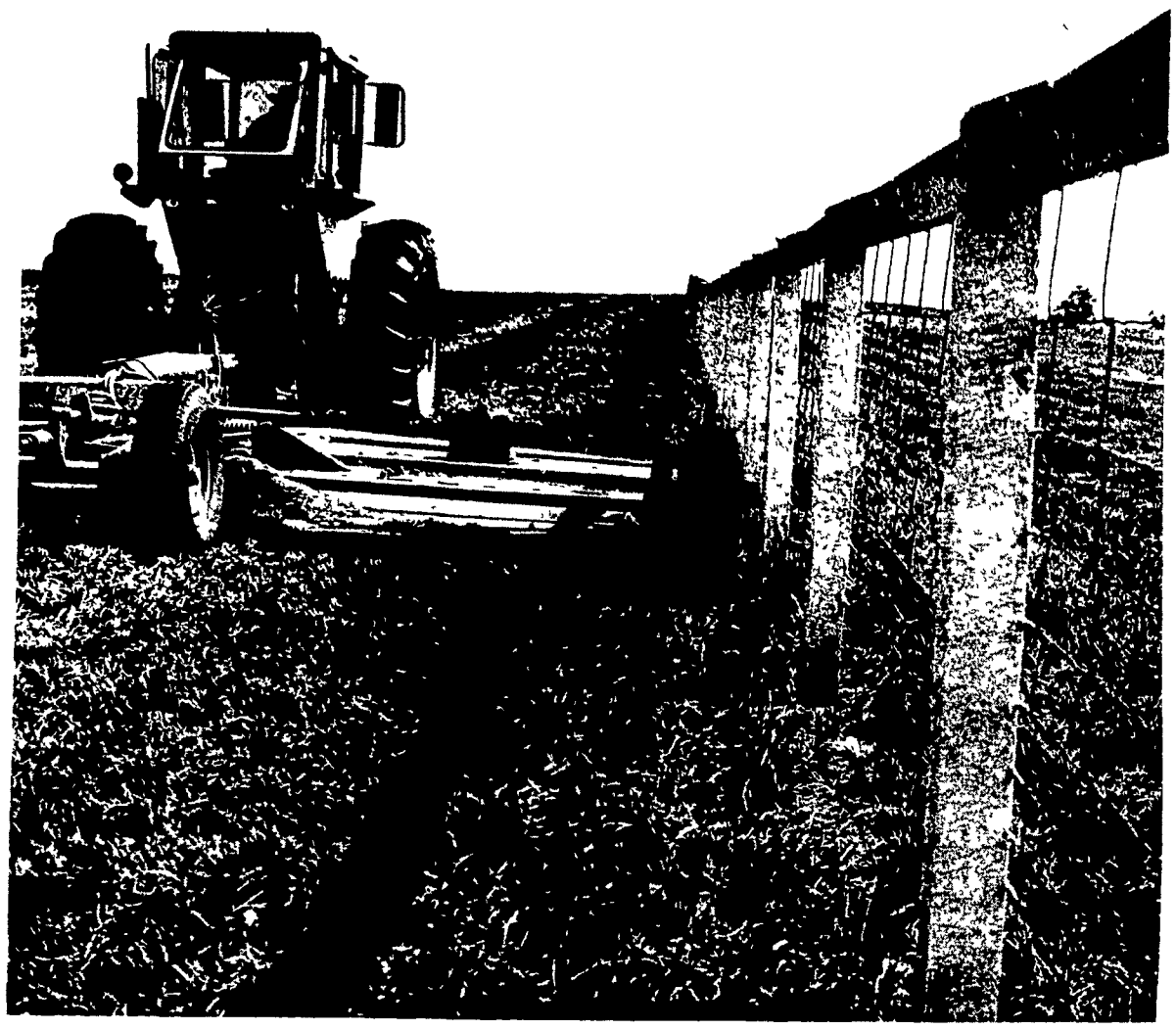

With a weed-free strip 10 inches wide along each side of fence rows, Ben Summers can nuzzle his large mowers right next to the fence.

Farmstead Weed Control Gets More Emphasis

A QUICK look at Ben Summers' farmstead from a passing car makes it apparent that he places much value on keeping things neat.

The closely trimmed lawn, neatly groomed shrubs and trees and the inviting stone house all testify to the work that has gone into giving this Chester County farm its tranquil, welcoming appearance.

The eye-appeal doesn't end with the area immediately around his house — it continues along the road in front of his farm buildings. It's so noticeable that people have asked him how he does it.

His answer: a lot of push behind the lawn mower and the use of a chemical weed killer.

"It may be extra work to keep a place neat like this, but it's worth it," he says. "It improves the value of your property — and I guess it's just more satisfying."

Summers used chemicals to wipe out weeds where he used to mow, and found his best control of weeds along his fence rows came from spraying early when the weeds were young. Because he sprayed some areas late, he experienced some regrowth last year. "The weeds were high," he recalls, "but even the regrowth turned yellow and died, even those long-rooted milkweed."

Summers also wanted weed control in hard-to-reach places like under fences and around buildings as well as on steep banks along the road, where it's hard to use a scythe. So he bought a chemical from a local grain dealer who had used it himself and recommended it.

Overall, Summers' results were good enough to stir outside interest. "One neighbor asked me to spray for him," Ben says. "Then later the county men asked me what I used after they saw a ditch I'd sprayed along the road."

Summers did the spraying himself, holding a hand sprayer while driving the tractor. "I might have missed some spots so this year I'll use a wider nozzle to give me better coverage." His cost, other than his own labor, was $12 for diesel oil and $40 for Pramitol. And this gives control up to a year or more.

Another farm that has turned to chemical weed control for fence rows and farmsteads is the Hempt Farm, Cumberland County. This is a showplace for a large horse breeding operation, with 1150 acres, 90 brood mares, three stallions and 180 head of beef.

Dr. Wendell L. Cooper is the veterinarian-manager of the Max C. Hempt operation.

Controlling weeds, understandabley, can be a costly item for a farm this size, with several miles of wooden and wire fence.

"In fact, in 1970, it cost $6000 to hire six high school boys to trim weeds four or five times a year," Dr. Cooper says. And when the "weed tax" begins to run that high you look for another way. That's what Dr. Cooper did last year when he combined chemicals with hired labor to control weeds.

With two high school boys and Pramitol, he was able to cut weed costs in half. A custom applicator did the job this year.

He found, as did Summers, that the best control comes with a March or April application, and that chemical control sure saves time and cuts costs.

Dr. Nate Hartwig, weed science professor at Penn State University, feels these chemical users are on the right track.

"We have been recommending this herbicide for industrial weed control and anywhere farmers want total weed control. It can be used to keep weeds down around barns, in the farm yard where there is gravel, and along fence rows —— anyplace where you can't mow or want to eliminate the need to mow," Nate Hartwig says.

xxx

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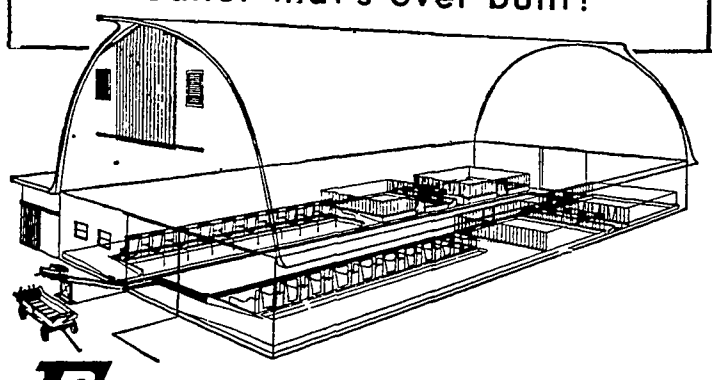

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USDA Reviews 1971 Marketing Spreads for U.S. Farm Products

The retail cost of a market basket of U.S. farm foods inched ahead an average of 1.7 per cent in 1971, while the farm value of equivalent products held steady with the 1970 level, the U.S Department of Agriculture reported recently.

USDA's Economic Research Service (ERS) stated that all the gain in retail cost of the market basket for the second consecutive year was attributed to higher food marketing charges. The total marketing bill for transporting, processing, and distributing U.S farm foods was $71 billion in 1971, up 4 per cent from 1970. Increased labor costs, which account for about half the bill, contributed to much of the recent increase. Marketing charges took about two-thirds of the $105 billion consumers spent for these foods last year. The remaining third represented the amount that farmers received for food products.

The marketing spread——the total charges for marketing food from the farm to the consumer widened 2.7 per cent in 1971. A year earlier this margin had expanded 7.4 per cent. Economists point out the 1971 advance was caused by greater spreads for dairy products and foods from crops. The beef margin, which had jumped 9 per cent in 1970 and the pork margin, up 20 per cent that year, actually retreated slightly in 1971, although remaining above the 1969 mark.

The ERS report notes that the farm value, or gross return to farmers, for products equivalent to those in the market basket averaged the same last year as in 1970 but the farmer's share of the food dollar declined. Last year's farm value was 8 per cent ahead of the 1947-49 period. The marketing spread for 1971 was 71 per cent higher than the earlier period.

"For those going on cross-country flights," reports the Standard Oil Company of California, "Alaska State law requires that they carry the following· two weeks' food per person; an axe or hatchet, gun and ammunition, fishing gear; knife, two boxes of waterproof matches, mosquito headnet for each person; signal flares, from October 1 to April 1, snowshoes, sleeping bags and blankets"

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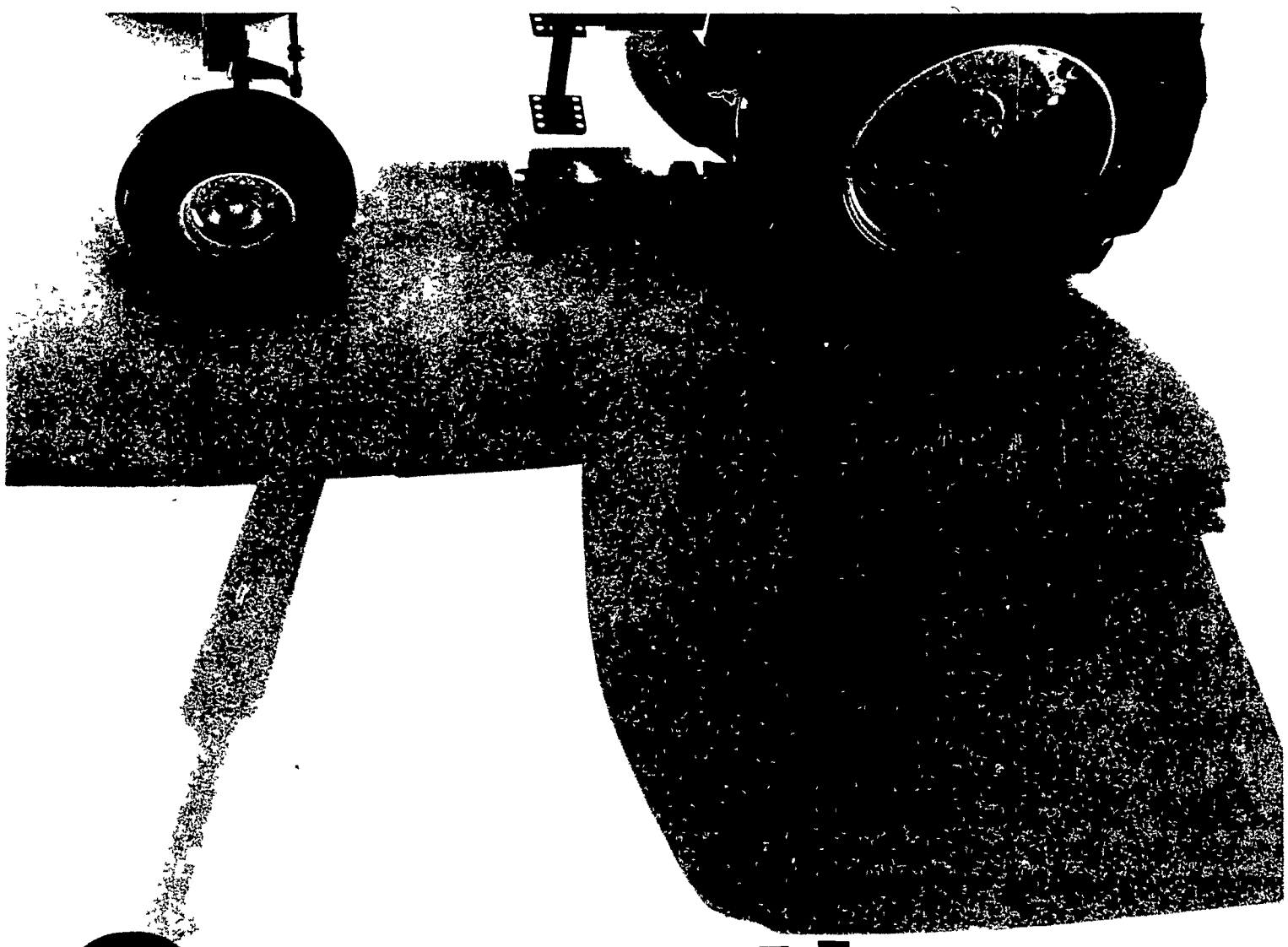

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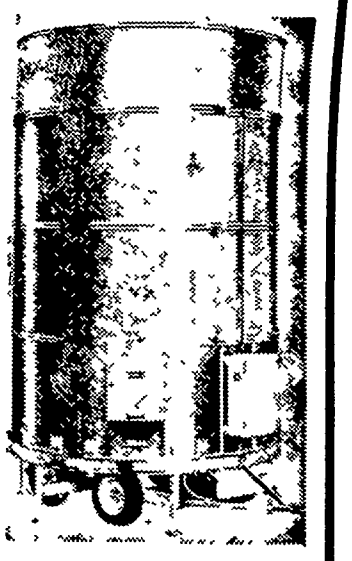

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Noah W. Wenger, R.D. 1, Stevens, member of the Pennsylvania State Committee for the Agricultural Stabilization and Conservation Service recently attended the National Conference of ACS State Committeemen in Washington, D.C. Committeemen were briefed by Secretary of Agriculture, Earl L. Butz and his staff on the latest developments in U.S. crop production and farm programs. Butz is second from the left and Wenger is at the far right. Others in the photo are left to right): Kenneth H. Boyer, State Executive Director, Pennsylvania State ASC Committee; Butz; Williard Kimmel, Chariman Pennsylvania State ASC Committee; Claude Hetherington, Member Pa. State ASC Committee; Wenger.

John Deere Dealers Plan Open Houses

Local John Deere Dealers have scheduled open house for all farmers in this area on Saturday, August 19. They will unveil Generation Two, the biggest advance in tractors since John Deere introduced the New Generation Tractors twelve years ago.

The new line was introduced to all John Deere dealers during a meeting at Waterloo, Iowa. A spokesman for John Deere says dealer enthusiasm was very high, particularly after they had operated the new tractors.

He added that it will be to every farmers advantage, especially from a health and comfort standpoint, so plan to attend the open houses and learn all the facts about the new John Deere Tractors.

PUBLIC SALE
INVENTORY REDUCTION
SAT. AUG. 12, 1972
12:00 NOON

HARDWARE-NEW & USED, APPLIANCES-LAWN & GARDEN EQUIPMENT-CHAIN SAWS-BICYCLES, MINI-BIKES.

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R.D.2 - EPHRATA, PA.
LOCATED IN FARMERSVILLE, PH. 354-4271

Appliance "Tingle" Dangerous Sign

That little "tingle" one sometimes feels while touching an electrical appliance is most likely a danger sign, cautions June Wilke, Chester County Extension home economist. Don't ignore this warning.

Many electrical appliances develop electrical leakage from the interior electrical parts to the frame or case of the appliances

The "leaky" appliance may operate normally, but under certain conditions a person using the appliance while in contact with a ground such as a water pipe or other grounded equipment could receive a severe shock. The "tingle" or slight shock you sometimes get means that your body is not completely grounded. Heed this warning!

A faulty appliance should be inspected to detect obvious leaks such as bad insulation on the cord or heating elements which have moved out of position. The more difficult cases require the expert services of an appliance repairman.

The best way to eliminate the possibility of this type of shock is to ground the frame of the electrical equipment. This may be done in a variety of ways: the simplest being the use of a three-wire cord properly connected to the appliance and to the wall outlet.

The third wire in the cord serves as a connection between the appliance frame and the building electrical grounding system. A leak in an appliance connected in this manner should cause the circuit fuse to blow. This immediately eliminates the possibility of shock to the operator.

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Pennsylvania First Again In Ice Cream Production

Frozen dessert manufacturers in Pennsylvania produced 74.7 million gallons of ice cream in 1971, 3 percent less than in 1970, but more than their counterparts in any other state, according to a recent report from the Pennsylvania crop Reporting Service. The total includes 72.4 million gallons of hard frozen ice cream, a 2 per cent increase over 1970. The rest is solf frozen. The decrease in total ice cream production is a result of decreased production of the soft frozen product.

Ice milk production in 1971 was 17.1 million gallons, an increase of 10 per cent from 1970. Milk sherbet production in 1971 was 3.0 million gallons, a 14 percent decrease from 1970. Production of other frozen dairy products was 0.4 million gallons in 1971, compared with 0.2 million in 1970. Production of water ices, 3.0 million gallons in 1971, was 18 percent higher than the previous year.

Production of creamery butter in Pennsylvania was 24.1 million pounds in 1971, down 3 per cent from 1970. Combined weight of fully and partially creamed cottage cheese totaled 52.5 million pounds in 1971, an increase of 9 per cent from the year before. Cottage cheese curd production was 29 5 million pounds in 1971. The total amount of cheese made in Pennsylvania in 1971, excluding full skim American and cottage, was 30.0 million pounds, a 21 per cent increase from the preceding year. Production of Italian cheeses totaled 11.1 million pounds in 1971, up 32 per cent from last year's production.

Production in Pennsylvania of dried, condensed, and evaporated milk in 1971 and the changes from 1970 production was: Unsweetened, whole condensed milk, bulk - 38.3 million pounds, up 71 percent; Unsweetened, skimmed, condensed milk, bulk - 76.8 million pounds, up 2 per cent; Evaporated and condensed whole milk, case goods - 99.7 million pounds, up 8 per cent; Non-fat dry milk for human ıd - 31.8 million pounds, down 11 ır cent.

During ٧71 a total of 2,300 million pc ds of milk (on a whole milk uivalent basis) was used in lairy products manufacture 'n Pennsylvania. Nearly 49 pei ent of this was used in ice cream and other frozen products. About 22 per cent was used to make butter. Cheeses other than American used 8 per cent, evaporated and condensed milk, case goods used 9 per cent.

Marlin Smoker stood in the Union Stockyard sale arena and watched while buyers competed for his FFA Hog Show grand champion crossbred. The bidders ran the price up to $1.12 for every one of the porker's 205 pounds.

Automatic Washers can Pose Safety Hazards

Automatic washers can be a safety hazard although they're not as hazardous as a wringer-type washer, says June Wilke, Chester County Extension home economist, Chester County.

Ground automatic washers to eliminate the danger of electric shock. If laundry equipment is located in the basement, a greater hazard exists because the concrete surface is in contact with the earth. If you touch or grasp a part of a defective appliance while standing on the ground and touch a water faucet at the same time, your body serves as a conductor. But, if the machine is grounded, the current goes into the ground and not through you. If you feel even a slight shock or tingle when using a washer, take it out of service at once and have it repaired, says Miss Wilke.

You can ground the washer through the outlet, or use a clamp on water pipes by connecting the clamp with a wire to a screw on the washer. If the outlet is to serve as a means of grounding, see that it has been grounded at the fuse box. If your house isn't wired with grounding-type receptacles, have an electrician install at least three—one in the kitchen, one in laundry area, and one in basement or shop.

Your life, or that of a member of your family, may depend on prompt action. Keep the washer grounded to prevent any possible accident since a defect in an appliance can occur quickly.

Another safeguard is to keep hands out of a washer in action. If your machine isn't equipped with an automatic stop when the lid is raised, turn off the washer before adjusting a load.

"To get the best in an argument, keep out of it."

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MH—30

THE DEPENDABLE TOBACCO SUCKER INHIBITOR

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AGWAY

outlook

YEAR OF THE RUNNING OVER TROUGH . . . Between October 1, 1971, and September 30, 1972, feed grain use probably will turn out to be 10 to 12 million tons more than the previous year. Domestic feeding will probably swallow most of the increase, reaching an estimated 163 million tons by the end of the year. That's 10 per cent more than domestic feeders used during 1970-71. Exports might run as high as 22 million tons, 8 per cent over the previous year.

FEED GRAIN CARRYOVER . . Prospective feed grain use of almost 186 million tons will leave a carryover into 1972-73 of 53 million tons, some 20 million tons more than a year earlier.

EXPORT PULSE . . . The 3.6 million tons of feed grains sold to the USSR accounted for a fifth of all feed grain exports October 1 through April 30. By April 30 almost all of the 85 million bushels of corn sold and around two-third of the 24 million bushels of oats were on their way to Russia. Very little of the ordered 38 million tons of barley had been shipped And . the short 1972 Argentine corn crop will mean reduced competition during May-September for U S feed grains in international trade

CORN USE April-September 1972 will total around 1 8 billion bushels domestically and around 300 million bushels will be exported Use for the marketing year may total almost 5 billion bushels Carryover should stand at around 1¼ billion bushels, nearly double a year earlier.

SORGHUM USE by feeders and exporters may total around 280 million bushels during April-September, a bit above 1971's second half disappearance. Carryover on October 1 will probably total around 200 million bushels, double that of a year earlier.

WHEAT FEEDING Despite the abundance of corn, wheat feeding during October 1971-September 1972 will probably nearly equal last year's 239 million bushels. While wheat is less competitive with corn this year, it continues quite competitive with grain sorghum and other feed grains. Wheat feeding this year has been especially heavy in Kansas, Oklahoma, Texas, and Colorado.

MORE MILK . . . Dairymen will probably market 1 to 2 per cent more milk during 1972, up from last year's almost 115 billion pounds. Although dairy farmers are culling their herds 1 per cent, they've been feeding liberally due to low feed prices. So far this year, daily milk production per cow has run over 2 per cent above last. Increased marketings, plus a small price rise, should lift cash receipts from dairying to $7 billion for 1972, up from 1971's $6.8 billion.

SMILE . . . Dairy sales this year may exceed last year's 109 billion pounds milk equivalent. American and other cheese sales hit 531 million pounds in January-April, topping 1971's first quarter by 13 per cent. Higher meat and fish prices likely contributed to the sales jump. Low-fat milk sales are up about 11 per cent.

EARLY CENSUS RESULTS . . Based on early data from the 1969 Census of Agriculture, U S. farm enterprises with milk cows numbered 600,000 in 1969, compared with 1.1 million in 1964. Of the 600,000, about 400,000 farms were selling milk or cream . . . the other third production only for household consumption.

COTTON ACRES . . . Cotton farmers will probably plant an average 50 acres of upland cotton per farm this year, compared with 1971's 41. At the same time, judging from a 9 per cent decline in signups for the 1972 Upland Cotton Program, fewer farmers are going to produce cotton. Regionally, acreage increases per farm may range from 10 per cent in the Southeast to nearly 30 per cent in the Delta.

COTTON FORECAST . . . If farmers plant the indicated 13½ million acres, up 10 per cent from last year, and abandonment and yields remain near 1968-70 levels, there'll likely be a 12-million-bale cotton harvest this fall, about 2 million over last year. This will adequately cover domestic use and exports, which are estimated to total around this season's level of 11 million bales.

WHAT YOU EAT . . . Americans will eat about the same amount of food on a per capita basis during 1972 as they did in 1971. However, we're liable to be eating a fraction more crop foods and a fraction less animals products, such as milk and butter.

ENTRESS . . . A 3 to 4 per cent increase in per capita beef consumption is expected to almost offset declines for veal, pork, and lamb. However, at breakfast besides less bacon, there'll also be fewer eggs. Per capita consumption for 1972 will probably be down slightly.

Fix-It Tip

New couplings for rubber garden hoses consist of the coupling parts mounted on tubes inserted into the hose ends. The prongs are then pounded down or a clamp is used.

Coupling parts for a plastic hose are a little more complicated. The coupling tube is slipped over the hose and not into it. With the sleeve over the hose, a bushing is placed inside the hose at the end. The bushing is threaded and, when turned with a special key, seats itself inside the hose and exerts pressure on the wall of the hose against the metal sleeve.

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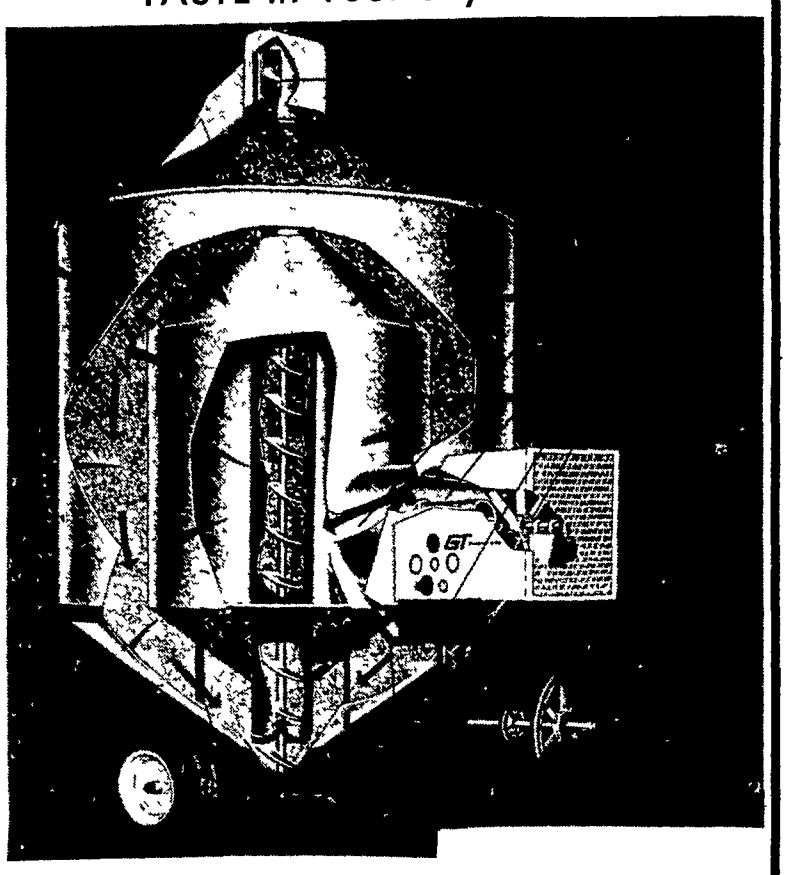

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1968 CAMARO RS 327

V8, automatic transmission, console with bucket seats, special instrumentation, power steering and radio. Yellow with vinyl top. Here you are gals.

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AUGUST MID-SEASON CAMPER SALE!

Used 19 foot Franklin Motor Home on Dodge chassis with V8 engine, power steering and brakes. Sleeps 6, completely self-contained. Shag carpet and styled draperies. Low mileage, like new. Must see to appreciate. Sold new for over $9,000.

Our sale special $6850.

1969 CHEVROLET SPORT VAN

with custom camper conversion and "pop-up" top. Sleeps 4, automatic transmission, new tires, completely serviced and ready for that mid-season trip. Was $3195.

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VENTURES CHEVROLET

KISSEL HILL

PHONE 626-2091

ED ESHLEMAN'S WASHINGTON REPORT

The general nature of the President's comprehensive disaster relief program should be familiar to almost everyone by now. However, I thought you might be interested in some personalized examples of how the President's plan would help in specific flood damage cases, subject, of course, to the approval of Congress.

Home Loans: Joe suffered uninsured damage to his home of $8000 as a result of Hurricane Agnes. The President's disaster relief program would allow him to get a loan from SBA in the amount of $8000, the first $5,000 of which is canceled, and the balance of $3,000 at an interest rate of 1 per cent per year.

Home Refinancing: Bill owns a home valued at $30,000. His uninsured flood damage totals $20,000. SBA can loan him $20,000 to cover the damage and up to $20,000 more for refinancing previous loans held on the property, for a total of $40,000. The portion of the loan made to cover refinancing cannot exceed the portion made to cover damages, regardless of the amount of Bill's existing indebtedness. Of course, the first $5,000 of the $40,000 would be canceled, and the remainder would be at 1 per cent per year interest for up to 30 years.

Home Loans and Refinancing: Bob owns a new $30,000 house on which he has a $28,000 mortgage at 6½ per cent for a 25 year term. His home suffers $20,000 worth of uninsured damage. Because the damage exceeds 50 per cent of the home's value, SBA can make a 30 year, $40,000 loan with $5,000 forgiveness at 1 per cent. This would leave $8,000 of the original mortgage unliquidated. Bob's principal and interest prior to the flood were $189 per month. His monthly payments on the SBA loan and what is left of the original loan would total $167 per month.

Farm Loans: Jim suffers crop losses of $5,000, has lost 10 dairy cows worth $4,500 and has damage to his barn not covered by insurance of $6,000 for a total loss of $15,500. For these losses, he can get loans from the Farmers Home Administration.

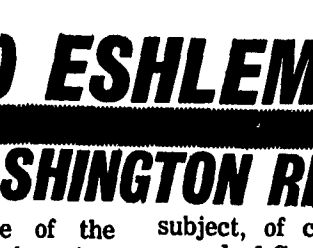
Personal Property: Henry had no damage to his home, but lost $3,000 worth of personal property. Under the President's plan, SBA could make him a loan of $3,000, all of which would be canceled. The total for personal property in any event cannot go above $10,000. And SBA would not cover "irreplaceable and extraordinarily expensive" items such as rare art objects, antiques, stamp collections and jewelry.

Business Refinancing: Charley owns a small business that suffered substantial property damage as a result of Hurricane Agnes amounting to $150,000. SBA can loan him $150,000 to cover the physical damage to his firm and up to $150,000 more to cover refinancing of liens on the damaged property being restored. The portion for refinancing cannot exceed the amount loaned to cover damages, regardless of the firm's existing debts. But, the first $5,000 of the overall $300,000 would be canceled and the balance financed for 30 years at 1 per cent per year.

Church and School: A church and school suffering damage resulting from Agnes can also qualify for an SBA loan. A nonprofit institution can get money in the amount of the physical loss sustained. And, under the President's program, the first $5,000 of such loans would be canceled just as it is for others. The interest also would be the same low 1 per cent figure.

If you drive your farm vehicles on the road, use the Slow Moving Vehicle emblem for your protection — day or night. Studies show the majority of farm vehicle accidents occur during daylight hours on dry, open highways.

When Power Fails depend on PINCOR Electric Plants



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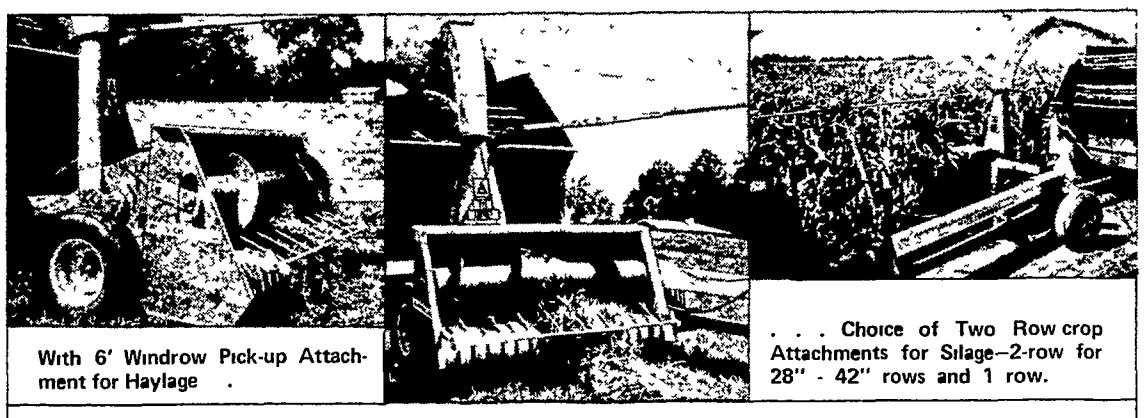

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. . . Choice of Two Row crop Attachments for Silage—2-row for 28" - 42" rows and 1 row.

Chops Fast and Fine—at Low Cost Per Ton

The Model 720 FORAGER makes high quality haylage and silage chopped the way you want at a cost that ll help your profits on your livestock From multiple position hitch to adjustable deflector spout the 720 is designed for efficient, economical forage harvesting and fast changes from one crop to another

6' pick up attachment handles heavy windrows with ease does a clean job in picking up green forage, wilted hay, cured hay or straw Pick up fingers comb the stubble and feed material to the auger in a steady stream save more of the leaves

Row-crop attachments match your row width guide stalks into chopper with three gathering chains per row Two row attachment adjusts for row spacings from 28" to 42' one row attachment harvests rows of any width

Cylinder center pivot maintains constant relationship between gathering unit and feed rolls for even feeding

Feed roll springs are adjustable to give you the proper tension for any crop

Reversing mechanism lets you reverse rotation of feed rolls and gathering unit from tractor seat for fast clean out

Eight cupped tungsten carbide knives on cylinder cut *and* throw crop in a single fast, smooth operation There's no need for a power consuming blower Scissors action of curved knives against shear bar produces a fine cut

Shear pins protect cylinder drive and drive line for long life

Built in sharpener lets you put fresh, keen edge on knives without removing them from the cylinder

Shear bar is reversible and replaceable with hardened edges for clean cutting

Delivery chute rotates for side or rear delivery into truck or wagon can be positioned easily from tractor seat

Deflector spout adjusts from tractor seat for full wagon loading

Multiple-position hitch adjusts easily to match tractor drawbar height

Heavy 6" tubular steel frame is built to withstand the jolts and jars of operation over rough fields

Optional axle extensions change harvester tread to match row widths

High flotation tires are available if field conditions require them

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Beacon Golden Test Rations

C.A.F. — The Cow Acceptability Factor — determines how much grain your cows will eat. Beacon Golden Test milking rations are partially pelleted, contain a proven level of crimped corn for extra palatability. Even finicky eaters clean these feeds up well, responding with higher milk production than when fed less palatable feeds.

The Cow Acceptability Factor helps get more grain into your cows in critical periods of milk production. Call us today for Beacon Golden Test Rations with C.A.F.

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BEACON FEEDS

The Stager's Have a 'Fishy' Business

By Mrs. Charles McSparran
Farm Feature Writer

Mrs. Henry P. (Mary) Stager of New Providence assists her husband with most of the bookwork connected with an unusual farm business, that of raising goldfish, and delivers fish to customers within Lancaster County. She also goes with her husband to retailers all over their territory to help with store sales promotions

The business, known as the Hiram Peoples Fish Hatchery, is owned and operated by the Stagers on their 90-acre farm in New Providence. They have about 20 acres in fish ponds, varying in size from the breeding ponds, which are about 10 feet by 12 feet, to the storage ponds, which are about one-fourth of an acre in size. These ponds are fed from a small stream, wells and springs.

This fish hatchery is the oldest and one of the largest in the East. They can ship 100,000 fish in one day. Last year they sold three and a half million fish They are wholesalers only and are the main distributer in their selling territory. About 95 per cent of their business is with chain stores such as Woolworth's, Grant's, McCrory's, Newberry's and Kresge's. They supply stores up and down the eastern coastal states from Maine to Georgia and from Ohio east to the Atlantic coast. They also supply many pet shops They did ship fish to London and Amsterdam before the pound was reevaluated and hope to get in that market again.

Stagers employ 15 to 18 men. Some work there part time but four are full-time employees.

Henry Stager dips some goldfish from a box in the summer storage house.

Three salesmen-truckers are on the road most of the time. They have two 10 ton insulated tank trucks and four smaller ones. They also ship fish parcel post six days a week. Stager has developed a unique method to ship the fish. Formerly they were shipped in tin milk cans of water which weighed 50 to 60 pounds apiece. Now he ships up to 300 fish in a plastic bag which is inflated, filled with oxygen and sealed It is then placed in a cardboard carton or a plastic pail and insulated with newspapers The cartons seem to work out better than the pails. These containers are much lighter to handle, weighing only about 20 pounds. Fish can live 36 hours in the bags if not exposed to extreme heat.

Peoples Hatchery propagates only cold water fish. Included are Shubunkin, Fantails, Moors, bass and sunfish. The fingerling bass and sunfish are sold for stocking farm ponds. They also sell water lily plants and a complete line of fish supplies such as fish and turtle food which are made to their specifications at Frederick, Md. and in New York state. They employ two women in the packing plant who package the fish and turtle food and pack it in cartons for shipment They also sell fish nets, ornaments for aquariums, gravel, aquatic plants, water neutralizer, antichlorine pills, pet foods for hamsters, guinea pigs and rabbits and are planning to include other pet foods

The fish ponds are all drained separately. Their general practice is to drain each pond once a year. They remove the loose soil which covers the bottom of each pond and flush it down the stream Then the ponds are sterilized with lime.

The men feed the fish each morning and check the ponds for leaks. Meal is fed to the fish in the storage ponds. This brings the fish to the top of the water to feed which gives them more color. They have to treat the ponds with chemicals for fungus, especially in hot weather. Erosion and muskrats pose somewhat of a problem. The men trap the muskrats in season and large squared timbers are now used to control erosion.

One of the employees is always on the alert when storms occur to close the intake valves to prevent fooding and muddy water from entering the ponds as muddy water can discolor the fish. The men keep the meadow mowed and prepare the fish food for the fish in the summer storage house. They have a special building to cook this oatmeal base feed.

Fish are shipped out all year but spawning is limited to the warm summer weather. The spawning season is usually from May through July. Enough fish must be grown in the summer to meet the year-round demand. They have special spawning ponds where they stake out mats made from two pieces of muskrat wire with a layer of sphagnum moss between for the female fish to lay their eggs on. The spawn is fertilized by the male fish, the mats are removed from that pond and placed in another pond. Anywhere from seven to 14 days, depending on the temperature and weather, the eggs hatch Some summers the same female fish might spawn as many as 50 times. In other words, the weather plays an important role in the number of fish hatched.

Stagers have three winter storage houses for the fish which are built over springs. The summer storage house houses about 100,000 fish at a time. The fish are sorted according to kinds and size and kept in separate compartments, ready for shipment. When orders are filled they dip the fish from the water boxes and dump them onto a wet table to be counted.

Henry's grandfather, Hiram Peoples, started the fish business in 1880 as a hobby. He raised carp and sold them to stock streams and farm ponds. He also sold them to Jewish people to serve for the Jewish holidays. It wasn't long until he started raising goldfish instead of carp and goldfish have been raised there ever since. He imported all of the breeders from China and Japan originally because they have the most beautiful and colorful fish This is because they raise them in small ponds.

Peoples sold his fish to pet shops in the Lancaster and Philadelphia area. He had about 50,000 in a pond and let them spawn on their own. Stagers now get about 400,000 by catching the eggs and hatching them. Stager

(Continued On Page 23)

Mr. Stager counts fish on a wet table to fill orders.

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Mary Stager holds some presidential teaspoons and shows some of her collection in the spoon rack.

The Stager's

(Continued From Page 22)

says he doubts if his grandfather sold 100,000 fish a year.

The founder's daughters, Miss Angie Peoples and Henry's mother, Mrs. Carlotta Stager, took over the business after Mr. Peoples died. They started selling goldfish to the chain stores. Henry grew up in the business. He took over gradually while attending college. For the past 25 years they have done a large business in pet supplies also.

Stager graduated from Quarryville High School, Franklin and Marshall College and from Temple Law School. He has never practiced law but uses this knowledge to conduct his business successfully. He settles many estates and in the slack winter months from January to April he figures income tax for many people. His father, Henry Stager, who died when Henry was four years old, also graduated from law school. He served as Treasurer of Lancaster County for several years.

This farm is not limited to the production of fish. Elwood Frank farms the tillable ground. He has one hired man and together they raise eight and one-half acres of tobacco, 24 acres of corn, 20 to 22 acres of hay, six or seven acres of wheat and seven or eight acres of barley They finish about 35 head of Angus steers a year. They are always kept in the barn.

Mary Stager, the daughter of the late Mr and Mrs. Frank Beane, grew up in the Leaman Place-Paradise area. She graduated from Coatesville High School and the Lancaster General Hospital School of Nursing. She did private duty nursing for nine years and was a staff nurse for the Lancaster County Department of Health at the St. Joseph's Hospital in Lancaster for 10 years before marriage.

When asked if she missed nursing after she married, she said, "No, I was too busy to miss it." She enjoys the fish hatchery business and travels to many states with her husband. Many times a new store opening for business will give free goldfish for advertising or sometimes for their anniversary and Mr. and Mrs. Stager will drive many miles to be there and hand out the fish. They tell the customers how to care for the fish.

When queried as to the mistakes most people make in caring for goldfish Mrs. Stager replied, "Children overfeed them. All they need is a few grains for each fish. The excess feed sours and may kill the fish. They should be fed regularly, at the same time every day. Care should be exercised in changing the water, not to change the temperature too rapidly. Fish can't stand sudden change of water temperature. Also fish should be handled with wet hands."

Mrs. Merle Wiggins, New Providence, fills boxes with fish food and caps them before packing in shipment cartons.

Stagers belong to Zion United Church of Christ, New Providence. Mr. Stager has served as elder several times. Mrs. Stager sings soprano in the church choir. Both are members of the Gleaners and Four Square Sunday School class. This group meets once a month besides Sundays. They have projects to make money for the building fund. They serve wedding receptions, have food stands at sales and serve about 600 people at their annual turkey supper the first Saturday of December.

Mary is an active member of the Robert Fulton Chapter of Eastern Star. She served as chaplain five years and has been Electa for three years. They meet once a month. She helps with their projects. She says "I do enjoy the Star work."

Mrs. Stager says "I like to read. I belong to the Christian Herald Family Book Shelf and get books each month. I like inspirational books."

She also has hobbies of collecting silver spoons and souvenir plates. She has 57 spoons. Most of them are family

(Continued On Page 24)

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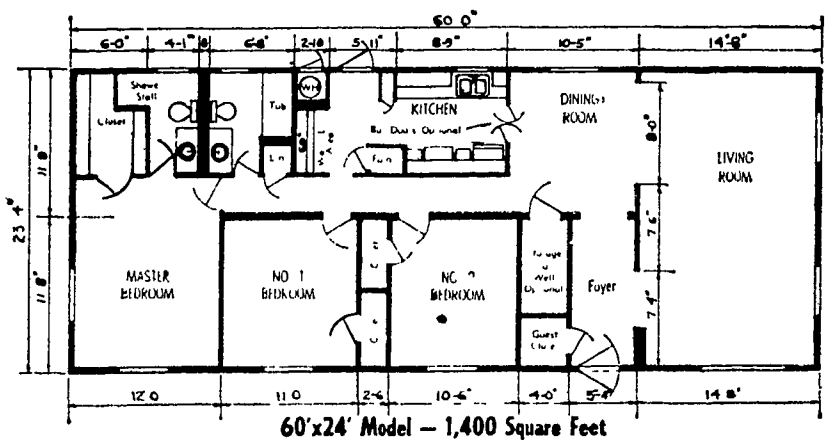

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The Stager's

(Continued From Page 23)

spoons but she also has souvenir spoons of all the presidents of the United States except President Nixon. She has 41 plates in her plate collection. Many of them are displayed on a plate rail above her kitchen cupboards. Some of them were given to her but she has bought many of them from places they travel. She has many state plates and cities like Gettysburg, Philadelphia and Mount Vernon.

Mrs. Stager, besides working with billing and invoices for fish sales, does all her own housework and cooking. There are two girls who type the invoices. She says "I like to cook and I like to sew up a dress for myself now and then if I have time. I don't have much time becuase we're away so much. We raise tomatoes in the garden and corn for the freezer. I can the tomato soup. The recipe came from Henry's family. I freeze the green tomato mincemeat." Another of their favorite recipes is:

Date and Nut Pudding

Cake Part:
½ cup milk
2 tablespoon butter
½ cup sugar
¼ teaspoon salt
1 cup chopped dates
1 cup English walnuts
2 teaspoons baking powder
1¼ cups flour

Mix well. Use a long pan and make syrup in it of:
2 cups brown sugar
3 tablespoons butter
2 cups water
1 teaspoon vanilla

Spoon in cake dough. Bake one-half hour in 350 degree oven. Cool. Make a layer of cake pudding, then a layer of dream whip, repeat.

xxx

Tomato Soup for Canning

1 peck tomatoes, cut in pieces
4 onions (fried in butter until brown, then add)
4 medium size green peppers
2 tablespoons salt
2 quarts water

Cook together 30 minutes. Strain and add one-half cup sugar. Bring to a boil and add 12 tablespoons cornstarch mixed with a little water. Boil and jar.

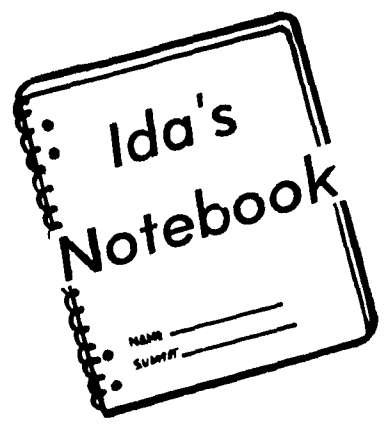
xxx

Green Tomato Mincemeat

6 pound green tomatoes
3 pound tart apples
2 cups raisins
4½ cups brown sugar, firmly packed
2 cups strong coffee
1 lemon (grated peel and juice)
2 teaspoons grated orange peel
½ cup vinegar
1 teaspoon salt
1 teaspoon cinnamon
1 teaspoon nutmeg
1 teaspoon allspice

Core and quarter tomatoes and apples. Put through food chopper with raisins. Combine all ingredients in large saucepan. Simmer 2 hours, stirring frequently.

Cool, then put in jars or plastic containers and freeze.



Ida Risser

Each year, about this time in the summer, my girls participate in a Mother's Tea. This is part of the closing activities of the 4-H Sewing Club.

I've watched my own children progress from showing their first skirt to being coordinator of the whole affair. Without parents who are willing to give of their time and talent this program wouldn't be possible.

As a leader in a 4-H Community Club, I know the headaches in planning interesting programs and then seeing that they are carried through. But the reward comes in seeing boys and girls develop from timid youngsters into self-assured ones who know where they are going.

xxx

There is one practice that hasn't changed too much in 200 years. This is the custom of taking a drink to the men in the hay fields.

Usually the younger ones are sent on this mission. Today they might carry a plastic pitcher with Kool-Aid instead of a heavier container of tea as in years past. But the thought of refreshing the workers who labor under the hot sun is the same.

When they return with an empty pitcher, they may have a handful of raspberries or wineberries. Often there will be stories of the indigo bunting on a corn stalk or the bobwhite which ran across the lane. Therefore a dual purpose is served as the children are entertained as they work.

xxx

This spring an old man visited our farm. Many years ago, as a boy, he visited his grandparents on this same farm.

It was interesting to hear the questions he asked. Doesn't the old orchard stand on the hill anymore? Are there gooseberry bushes still growing along the fence? Did you ever dig for the buried money? It seems an ancestor of his is supposed to have concealed some money near an old log cabin. Others have looked for it, but "no" we have not.

In the Kitchen

BRUSSELS SPROUTS AND GREEN PEPPER SKILLET

⅓ cup margarine
2 (10-oz. ea.) pkgs. Brussels sprouts, thawed and sliced thin
½ cup thinly sliced celery
½ cup slivered green pepper
1 tsp. salt
Dash pepper

Melt margarine in skillet. Add sprouts, celery and green pepper. Sprinkle with seasonings. Saute until tender, about five minutes. Makes six servings.

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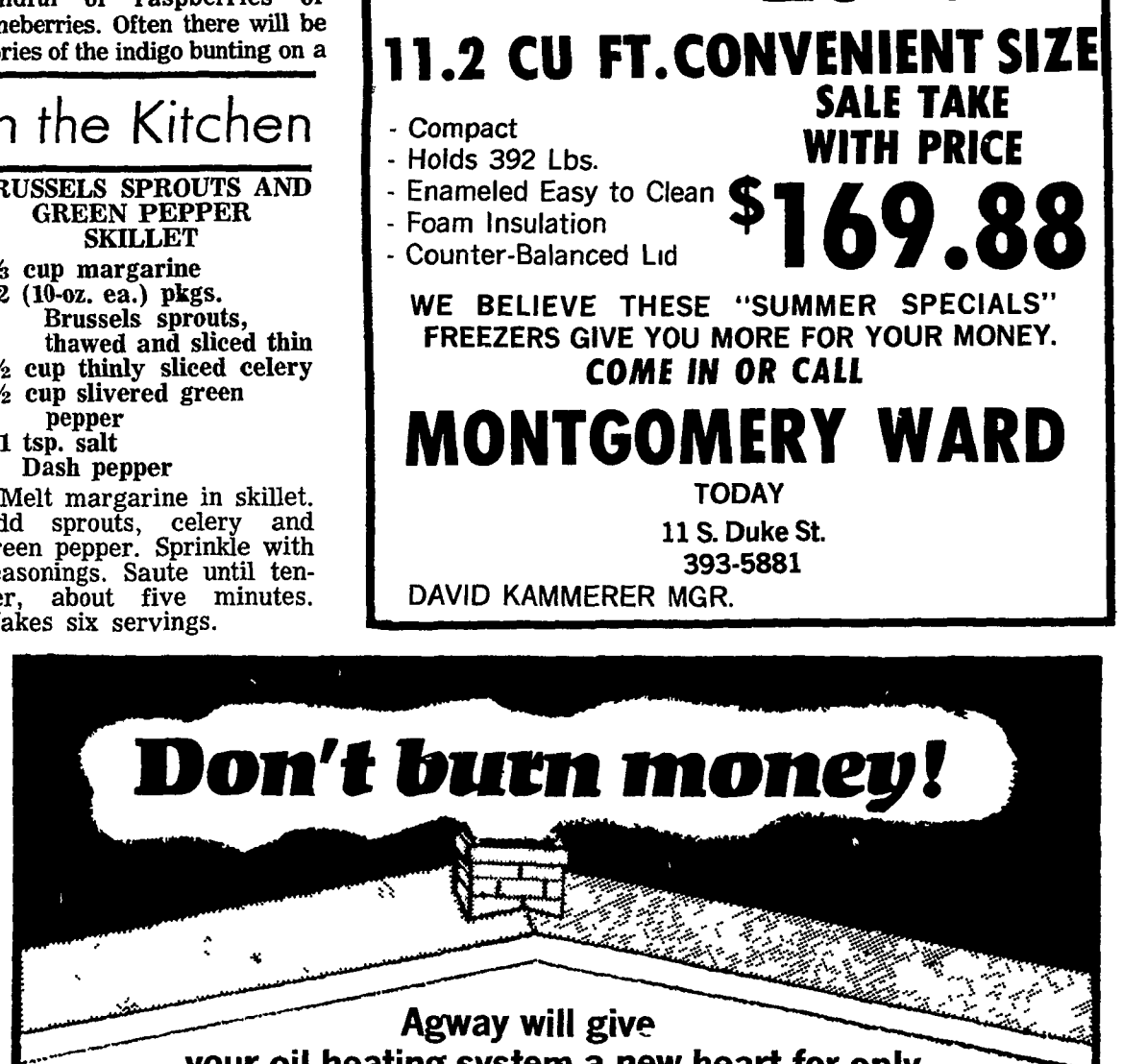

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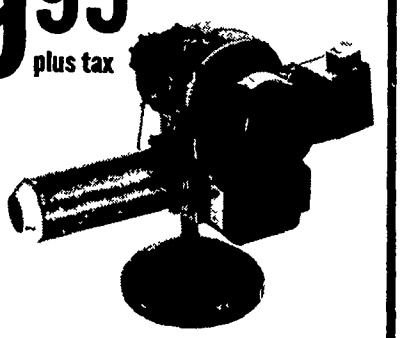

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Ladies, Have You Heard?

By Doris Thomas, Extension Home Economist

Doris Thomas

Economy Meals For Good Eating

Lettuce as we know it today probably developed from wild lettuce, a weed now scattered over the globe. Columbus brought lettuce to the New World, and it's a good thing that he did! For lettuce is now among our leading vegetables, because of the growing popularity of salads in our diets.

It's available throughout the year but is plentiful and more economical right now, as are all fresh vegetables.

When buying lettuce, it's best to select carefully since a bad choice can mean a damaged product and consequent loss of food cents. Avoid heads of Iceberg lettuce which are very hard and which lack green color (signs of overmaturity). Such heads sometimes develop discoloration in the center of the leaves (the "midribs") and may have a less pleasing flavor. Also avoid heads with irregular shapes and hard bumps on top, which indicate the presence of overgrown central stems

Check the lettuce for tipburn, a tan or brown area (dead tissue) around the margins of the leaves. Look for tipburn on the edges of the head leaves. Slight discoloration of the outer leaves will usually not hurt the quality of the lettuce, but serious discoloration or soft decay definitely should be avoided.

The four types of lettuce you should know are Iceberg, butterhead, Romaine and leaf. Look for signs of freshness in all of them: for Iceberg and Romaine the leaves should be crisp, for other types soft but not wilted. Look for a good bright color, medium to light green in most types. Be sure to include lettuce in your menus while it's plentiful and inexpensive.

Art of Making Jams And Jellies being Revived by Young Homemakers

Time was when making jams and jellies was one of the very few ways a homemaker could provide her family with any kind of variety in fruits during the winter months. Now there are many and varied ways of preserving fruits. But the tradition of making jams and jellies is still strong because of the pleasure they provide topping off the morning toast, swirling through a jelly roll, or putting a glaze on a pork roast.

And instead of waning, the tradition is undergoing a revival, especially among younger homemakers—many of whose mothers didn't make jams and jellies themselves. They are making a fresh discovery for themselves of the joys of making jams and jellies—and often doing it in small urban apartments or surburban kitchens without much cooking or storage space.

As with all homemade preserves, you can often save money on your food budget when you take advantage of fruits at the peak of the season—when they are highest in flavor, lowest in cost.

If you would like to try making your own jam or jelly and do not have any recipes call or write your County Extension Office and ask for your free copy of How To Make Jellies, Jams and Preserves at Home.

Fix-It Tip

Plumbing systems generally are guarded against the problem of water banging within the pipes with air chambers which absorb the shock. An air chamber can be nothing more than a length of pipe two feet long or a little longer, capped at the upper end and connected at the other end to the cold water line behind the faucet. A column of air is on the inside and when you close the faucet the water — instead of banging — moves upward into the air-filled pipe since air can be compressed.

Farm Women Calendar

Tuesday, August 8

7:30 p.m. — Farm Women Society 22, home of Margaret Lefever.

Thursday, August 10

1:30 p.m. — Farm Women Society 14, home of Mrs. Howard B. Combs, Paradise.

xxx

Respect the danger of electricity. When operating large machinery, keep an eye pealed for power lines — above and below.

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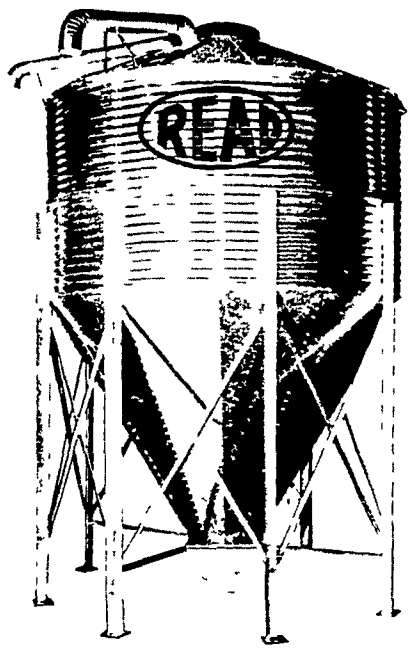

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4-H NEWS

Horse Fun Show Results

Donna Stoltzfus of Lancaster, who boards her horse at the Sego-Sago Farm on the Fruitville Pike and Mrs. Fred Bussell owner of the neighboring Bar-B-Acres got together and held a "Neighborhood Fun Show" for horse owners in the area.

It was held on Saturday evening, July 29 at Bar-B-Acres. Equine owners were from the above two farms plus the "Double D L" on the Fruitville Pike, the Tomlinson and Peffley farms of East Petersburg. The judge was James Watts of Manheim and the ringmaster was Kirk Bussell of Bar-B-Acres.

Winners of the events were: **Dollar Bareback**, Buddy ridden by Mark Moyer; **Pole Bending**, Midnight ridden by Fred Shertzer; **Crawl thru Barrel**, Roda ridden by Scott Tomlinson; **Egg & Spoon**, Shadrads Ghost ridden by Dawn Styer; **Barrel Race**, Silver Lady ridden by Don Garvin; **English Pleasure**, Gloriann ridden by Trudy Hummel; **Musical Bags**, Stardust ridden by Lashon Bussell; **Potato Race**, Stardust ridden by Lashon Bussell; **Western Pleasure**, Jills Poco Buck ridden by Dave Root; **Scurry Race**, Stardust ridden by Lashon Bussell; **Gretna Green**, Jills Poco Buck ridden by Dave Root and Lady Nadine ridden by Donna Stoltzfus; **Break & Out**, Stardust ridden by Lashon Bussell; **Boot Race**, Roda ridden by Scott Tomlinson; **Trail Class**, Stardust ridden by Lashon Bussell.

Champion of the evening was Stardust ridden by Lashon Bussell and reserve Champion was Jill's Poco Buck ridden by Dave Root.

Nifty Needles Fashion Show

The Nifty Needles 4-H Sewing Club held a fashion show Aug. 1, at The Fellenbaum Home. The members wore their sewing projects which they made during the last eight weeks.

Guests were Miss Lucas, assistant extension home economist, and Mothers of the members. The club members elected Jamie Maurey as the Junior Queen and Robin Fellenbaum as the senior queen.

These girls will go on to compete in the county wide Queen contest to be held Aug. 10, at the Farm and Home Center.

It was also decided to go on a one night campout on Aug. 14, supplies will be bought with the money that was earned when the girls sold Kathryn Beich candy.

News Reporter
Patty Groff

Merri Maids Hold Roundup

The Lampeter-Strawburg Merri Maids Sewing and Cooking Club held their roundup Monday, July 31 at 3 P.M The mothers were invited to see the girls model their garments. Jane Landis narrated while Joyce Houser, the president, played soft music on the piano.

Barb Cramer gave a demonstration on making attractive recipe holders with artificial flowers and a plastic fork. Treva Lefever and Tammy Oliver played and sang "Blowing in the Wind" on their guitars.

News Reporter
Julie Bare

New Holland Baby Beef Tour

The New Holland Baby Beef Club held their annual baby beef tour on July 22. Members, leaders and parents visited the homes of each member. Progress of the animals was checked, and members demonstrated their ability at handling the steers.

Galen Yoder conducted a fitting and showing demonstration at the home of Kathy, Jeff and Mike Martin.

Plans were made for an August 8 tour of Victor F. Weaver, Inc., and the annual picnic afterwards at Hershey Brothers Farm, Paradise

Jeff Martin

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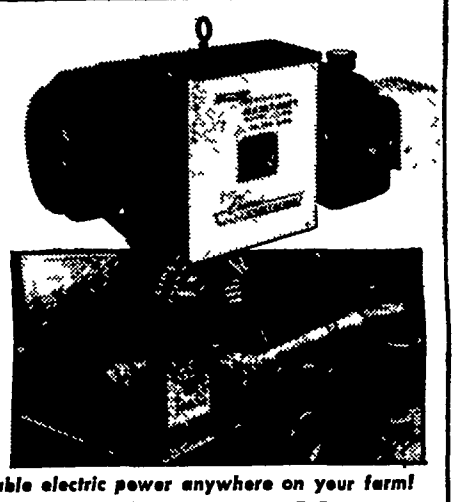

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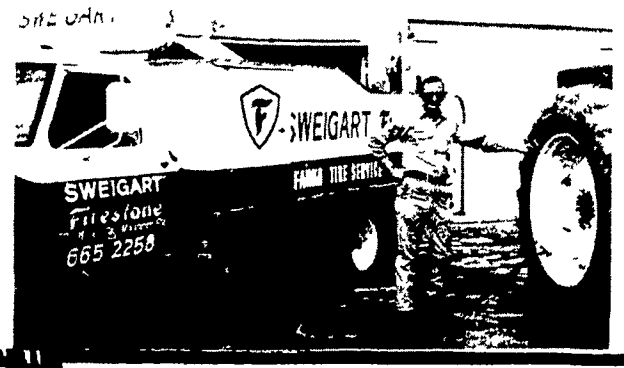

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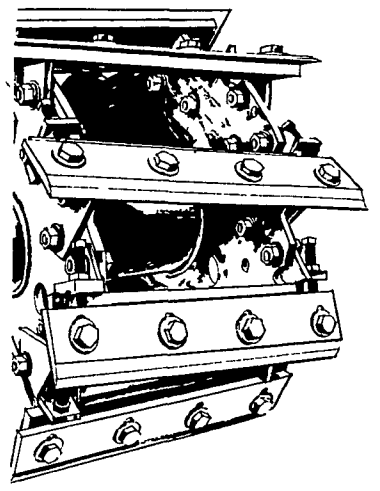
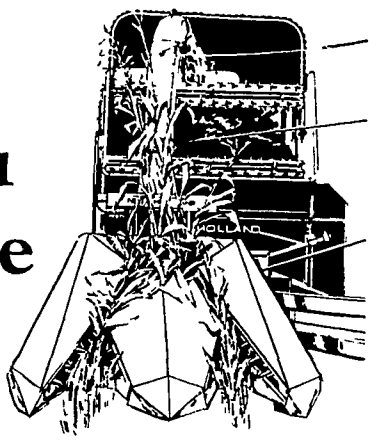


This big edge inside...



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Meat Inspection

(Continued From Page 1)

his assistant were both fired. A veterinarian took over, and he tried to do a good job. But the feds were after him so much that he spent all his time trying to placate them, and no time trying to improve the meat inspection program.

"In November of last year I took over. First I went to Washington. I told the USDA we were conducting a crash program. We were going to find out what the deficiencies were, and we were going to correct them. They said they'd heard the same story too often before.

"On December 16, a few weeks after I was on the job, we got a notice that they were going to designate the state. They were threatening to take away our meat program, and they gave us 30 days to do something about it.

"We went all out. I personally visited practically every one of the plants in the state of Pennsylvania, and there are nearly 700. We found deficiencies, things that should have been caught in 1970. We discovered that this state should never have been certified in the first place.

"Almost all the major deficiencies we found were in the custom exempt operators, those butchers who do custom work for local farmers. In January and February of this year, we closed 126 operations, and we issued defect notices to 300 others.

"We cracked down on the industry. Nobody had ever done this before. Then in March, we had to face a budget battle.

"I'm not sure why Governor Shapp decided not to include funds for meat inspection in his budget for this fiscal year. But I can guesss. He was getting a big political headache from meat inspection. He was also under a lot of pressure to cut costs. By dropping meat inspection from the budget, he eased some of the pressure, he got rid of the headache.

"Even so, we convinced the Governor that Pennsylvania should have its own meat inspection program, and he did put the money, $1.4 million, back in the budget.

"The states that have let the federal government take over their programs have lost. They've lost a good 50 percent of their small meat operations, they've suffered losses to their livestock industries and to their feed and grain industries. These were the arguments we used to convince the Governor.

"OK. We had the money. We were hiring more personnel. We had shut down plants. We came a long way in a really short time. But still the complaints from Washington didn't stop.

"Washington changed directions, though. Where they had complained about personnel before, they now said we didn't include enough reinspection in our program In other words, we didn't analyze finished product often enough, for fat content, labelling, additives and so forth. So we asked USDA to give us guidelines on what they felt would be an adequate reinspection program.

"They didn't give us any guidelines. They just said we didn't have enough. To me, that means they thought we weren't equal to their program in compliance and surveillance activity. We had seven compliance and surveillance people for the state of Pennsylvania. USDA only has nine compliance and surveillance people for all the federally inspected meat plants in the nine Northeastern states. I'd say we were more than equal to in this area.

"Nothing we did mattered, though On June 16, the state of Pennsylvania was designated. We were told that unless we could upgrade our program, the federal government would take over on July 17. We didn't know what to do. We took the matter to court, but we lost. The case is being appealed now, but it looks pretty dim.

"On June 21, the first day of the worst floods we've ever had, the USDA started to review our plants. They went to every one of them. The inspectors were supposedly going out there to see if the plants were operating under sanitary conditions.

"We sent some of our people along, though, and we found out that the federal people weren't really inspecting the plants. They were walking through them, and spending most of their time trying to convince the plant manager that federal inspection was going to be much better.

"These federal inspectors were supposed to fill out review forms after each plant was inspected. The first few days, though, the forms didn't get filled out. We got hold of the USDA's Harrisburg Office, and we griped.

"A few days later, we got forms from the plants that had already been reviewed. We looked at those forms pretty closely, there were forty or fifty of them, and we thought they looked strange. We showed them to the State Police, and they told us that all the forms had been filled out by the same two people. And the same two people had signed a lot of different signatures on the bottoms of the forms.

"We found out that those two people were Dr. Farber and Dr. Knipe, from the USDA's office here in Harrisburg We said that what they did was forgery. They said it was an administrative expedient.

"What's going on here? If they're only interested in wholesome meat, why are they pulling so many stunts?

"Another thing I don't understand. Tons of meat are processed every day in grocery store butcher shops. Certainly, these people buy inspected meat, but once it's in their store they can do anything they like with it. Why hasn't the federal government cracked down on this kind of operation? Some of them are really bad.

"It's just not conceivable that their only concern is wholesome meat I am convinced that this whole thing is a plot by the USDA to extend their power. I think they're putting the heat on the states to upgrade their meat programs, and then they're going to take them over, one by one. They've got nine states now, and I know that another 13 are on the fence

"The USDA had the power under the Wholesome Meat Act to close down any plant anywhere. Yet they never closed down a single Pennsylvania plant. Why? Because our plants were clean Right now the USDA is trying frantically to hire our unemployed meat inspectors, the ones they said were inadequately trained. Why? Because we have good inspectors.

"Our meat inspection program wasn't bad We were making it better. We were, in fact, becoming a threat to the USDA

"There are people in Washington who want to split up the USDA and spread its functions around to other agencies like the Food and Drug Administration and a new Consumer Protection Agency.

"Right now, I feel the USDA is trying to build its organization, its bureaucracy, by grabbing for all the responsibilities it can get Then when the real battle shapes up, the department can trot out all the statistics of its involvement in regulatory and inspection activities. And if there are enough statistics, the USDA will be able to prove that it is indespensable Gaining control of all meat inspection in the country would be a big step in that direction.

"The USDA is fighting for its life. I think that's the real story behind the meat inspection takeover."

FFA

(Continued From Page 1)

Mike Grube of Warwick High School FFA, taking reserve open class honors Both showed crossbred hogs, Martin's selling to A&B Packing of Allentown for 31 cents a pound

Grube also had both the reserve crossbred animals His Duroc sold to Garden Spot for 31 cents a pound and his cross to A&B Packing for 31½ cents

Robert Gruber, of Elizabethtown High School FFA, was a double winner, showing both the champion Duroc and Champion Berkshire

Gruber's Duroc brought 31 cents a pound from Penn Packing while his champion Berkshire sold for 30 cents to Hershey Abattoirs

Wes Gruber, Elizabethtown FFA, had the reserve champion Berkshire which sold to A&B Packing for 30 cents a pound

The Spotted Poland China champion was shown by Russel Kline of Ephrata High School, FFA, and sold to Garden Spot Meats for 30½ cents a pound

Richard Kauffman, Manheim Central FFA, had the Champion Chester White which was purchased by Kunzler for 30½ cents.

The Landrace champion was shown by Nelson Weaver, Ephrata FFA, with Tom Martin, Garden Spot FFA, showing the reserve.

Both the Landrace champions sold for 30 cents a pound with Weaver's going to Penn Packing and Martin's to Garden Spot Meats.

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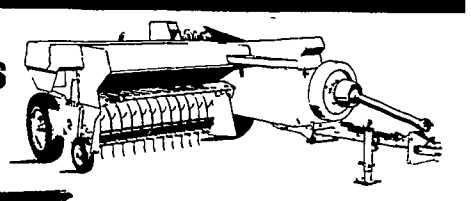

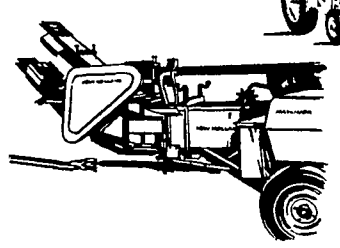

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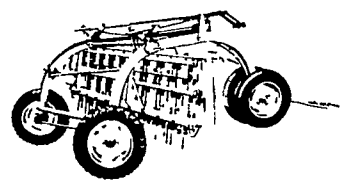

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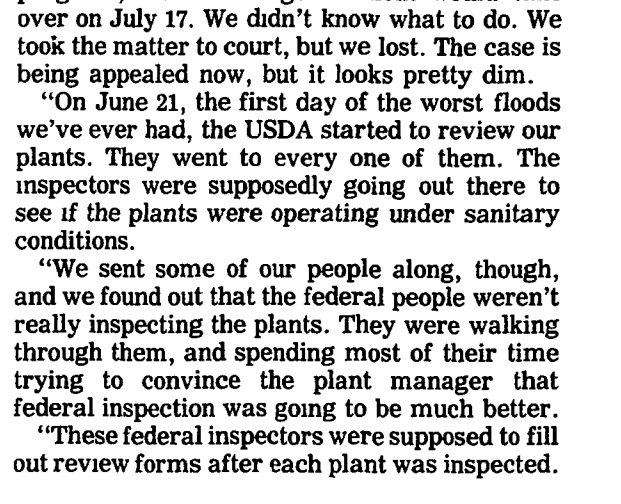

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Farm Women Societies

Society 27

Farm Women Society 27 met at the Pleasant View Rest Home, Manheim RD3. Social committee members Mrs. John Hershey, Mrs. Harold B. Frey, Mrs. Lester Hawthorne, and Mrs. Robert Kauffman, planned an evening of entertainment and refreshment for members, guests of the home and nine children who also attended

Group singing and songs by the children were led by Mrs. Robert Kauffman. Glenn Sauder sang several solos accompanied on the accordian by his sister, Nancy Sauder. Mrs. Albert Fry and son Lowell gave a skit about the treasures found in a small boys pockets Mrs. Robert Kauffman shared several humerous poems, written by older folks

Favor committee members included: Mrs. James Brubaker, Mrs. Luke Brubaker and Mrs. Russell Swarr. Each guest received a small flowering plant.

The business meeting was conducted by Mrs. Roy Sauder, president. Reports were given by the sunshine committee and ways and means committee.

Hostesses were Mrs. Wilbur Erb, Mrs. Harold B. Frey, Mrs. John Hershey and Mrs. Roy Wolgemuth.

The next meeting will be August 22 at the farm of Mr. and Mrs. Robert Shearer, Mount Joy RD1. Husbands are invited. A white elephant sale will be sponsored by the ways and means committee.

Society 29

Farm Women Society No. 29 recently met at the home of Mrs. Clayton Ranck for a splash party. Many of the members brought their children with them.

Mrs. John M. Heisey led the group in devotions by reading from **The Psalms Around Us.**

During the business portion of the meeting it was noted that there are two vacancies for membership.

Hostesses for the evening were Mrs. Ed Strickler, Mrs. Richard Garber & Mrs. Clayton Ranck.

On August 21 at 7:30 p.m. the Society will meet in the home of Mrs. Joseph Russell III for a PP&L Small Appliance Demonstration.

Lorraine Ruhl
Secretary

In the Kitchen

NEVER-FAIL MAYONNAISE

½ tsp. sugar
½ tsp. dry mustard
¼ tsp salt
Pinch of red pepper
1 egg white
1 cup corn oil
4½ tsps. vinegar

Combine sugar, mustard, salt and pepper in bowl. Add egg white; beat well with rotary beater. Continue beating and add corn oil, a little at a time, until ½-cup is used. Add 2 teaspoons vinegar, continue beating, adding remaining corn oil a little at a time. Beat in last 2½ teaspoons vinegar. Store in covered jar in refrigerator. Makes about 1¼ cups.

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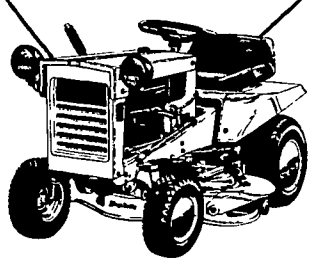
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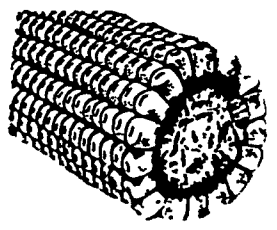
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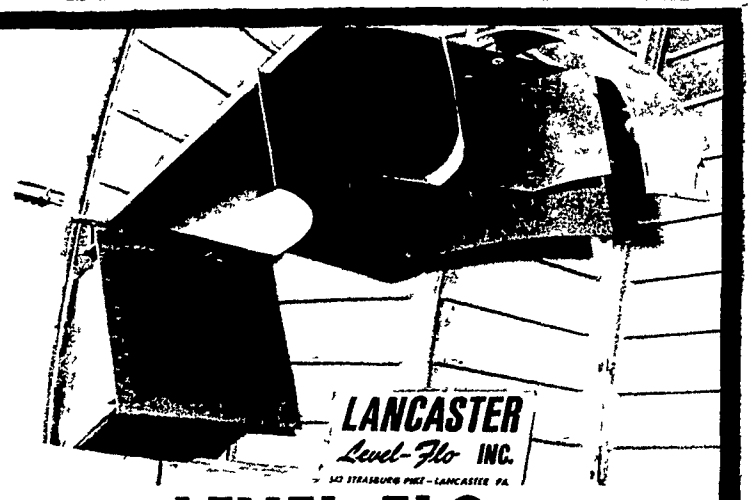

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To Test Artificial Hearts

Mock Circulatory System Developed at PSU

Engineers at Penn State have developed a new mock circulatory system to evaluate artifical hearts before they are implanted in animals.

It uses hardware—pistons, flat steel plates, plastic tubes, etc.—to simulate the conditions present in the animal's body. And it circulates a thick clear fluid instead of blood.

Dr. John Brighton, associate professor of mechanical engineering, will report on the new system at a symposium of the Japan Society of Mechanical Engineers in Tokyo this September and at the Joint Automatic Controls Conference at Stanford University in Agust.

The work is part of a twelve-man project aimed at the development of an artifical heart being conducted in cooperation with Penn State's Hershey Medical Center. Principal investigator there is Dr. William S. Pierce, a specialist in cardian surgery.

Plastic artifical hearts fabricated at Hershey must be tested prior to implant in animals. They must be coupled to a mock circulatory system so their performance—in terms of the delivery of blood—can be evaluated.

Systems currently in use by heart-development researchers, according to Dr. Brighton, "are either too complex and inconvenient to operate or so simple that they do not adequately simulate the physiological conditions."

Dr. Brighton, Dr. W. M. Phillips and graduate student Gus Rosenberg designed and built the new system with partial support from the Pennsylvania Science and Engineering Foundation.

Some twenty pairs of ventricles—the heart's pumps—being made at Hershey will be tested on the new apparatus before being implanted in calves.

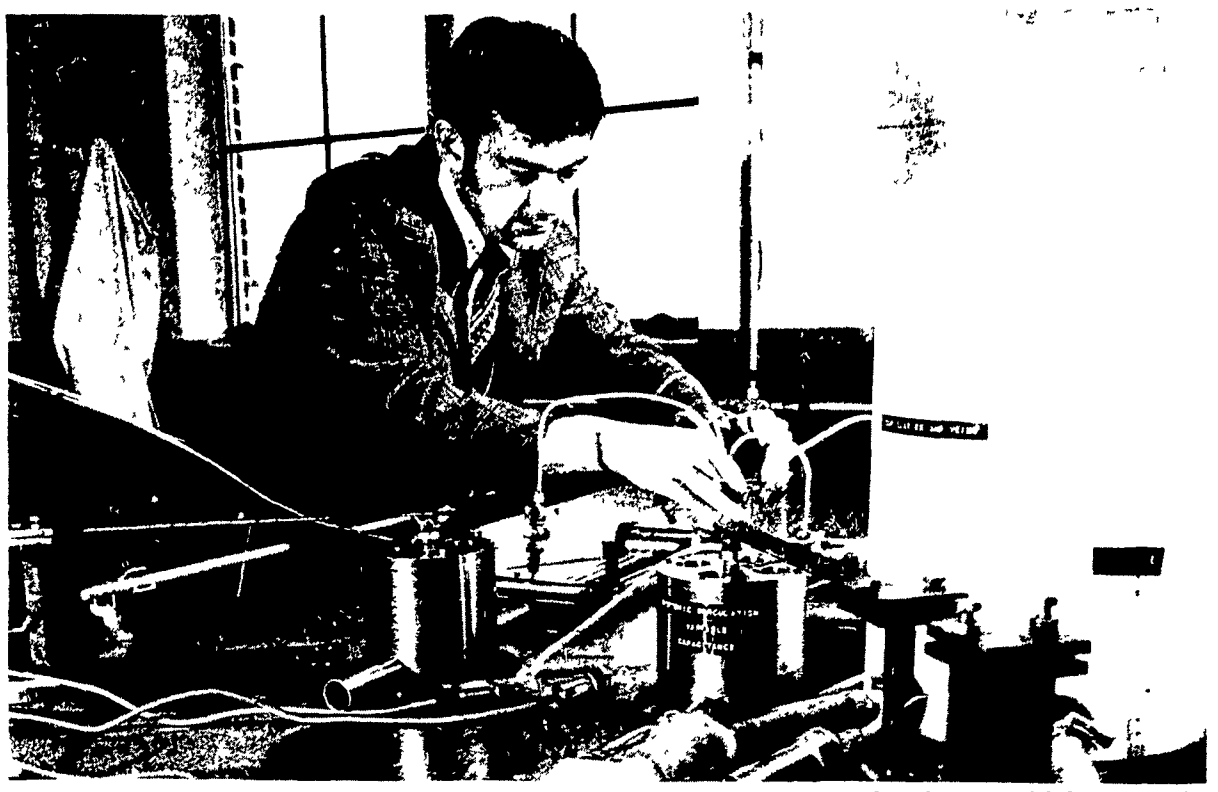
The Penn State mock circulatory system sits on top of a small table in Dr Brighton's laboratory.

A clear fluid having the same viscosity as blood is pumped through the system by plastic ventricles whose beat rate is maintained pneumatically by air or other gas under pressue.

A key feature of the Penn State system is its pistons, which represent the aortal chambers near the heart.

"The aorta's variable

(Continued On Page 30)



Dr. John Brighton demonstrates the Penn State mock circulatory system designed by him to test artificial hearts (lower foreground) before implantation.

Unique feature is piston, which expands and contracts to store blood in imitation of the aorta in the body.

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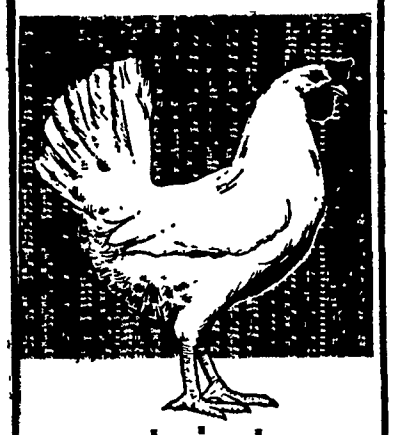

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Mock Circulatory System

(Continued From Page 29)

capacitance, its flexibility in storing a variable amount of blood to correspond with the expansion and contraction strokes of the heart muscle, is adequately simulated, we believe, by the pistons.

"They are 'flexible' and can therefore accomodate more blood in diastole (expansion) than they do in systole (contraction). Just like the aorta itself."

Another important measure of how well an artificial heart delivers blood is the resistance and pressue maintained in the blood vessels. These vessels are simulated by the plastic tubes, which are constantly monitored as to fluid flow by automatic readout devices.

At one point, the tubes pass between a sandwich of flat steel plates and can thus be squeezed to simulate various levels of flow resistance in living systems.

The Penn State mock circulatory system is arranged so that either the right or left ventricle can be tested separately. The latter, feeding blood to the body as a whole, builds up a much higher blood pressure than does the right ventricle, which feeds blood to the lungs and related systems.

Artificial hearts must be tested for such factors as the effect of sac thickness on the pump's performance, how different kinds of valves respond, how well different blood-simulators work and how the size of the plastic tubes simulating blood vessels affect performance.

"Not only must these units not fail during operation but their cardiac output—the delivery of blood in terms of pressure and flow rate—must be thoroughly known.

According to Brighton, the Penn State system is simple, easy to operate, and not too expensive to build. It gives a good simulation of physiological conditions. And it can be set to test different artificial hearts under identical physiological conditions.

Though the system was designed to simulate normal conditions in the body, it could be adjusted to simulate low and high blood pressure, inadequate circulation, or certain other abnormalities associated with heart disease.

Dairymen Slate Annual Meeting

The Annual Meeting of District No. 18 of American Dairy Association and Dairy Council (which includes Lebanon, Lancaster, Dauphin, Burke, Chester, York, Cumberland, Adms, Franklin Counties) will take place at Loganville Community Park at 12:00 noon on Thursday, August 10, 1972, according to John C. Krone, secretary.

In addition to a report on the year's activities, election of District No. 18 Board of Committeemen will be held. The terms of George E. Moyer, Myerstown and John Lesher, Lykens, expire. Also, one person will be elected to fill the unexpired term of Earl Patches, Annville.

Dairymen will have an opportunity to see and hear an audiovisual presentation by John Sliter, manager, on the expanded milk promotion programming taking place in the milk shed.

Tickets for the meeting may be obtained from, in addition to Mr. Krone and Mrs. Lesher, Charles Laughman, Glen Rock, Homer Campbell, Elizabethville, Richard Funk, Annville and Raymond Witwer, Lititz, Membership Communications staff, ADA & DC.

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WED., AUGUST 16, 1972

10:00 A.M.

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FRIDAY, AUGUST 11, 1972

8 P.M. Sharp

This sale features 20 head of top fresh and springing Holstein heifers from Mr. John Bell of Loudoun County Virginia. Mr. Bell tells us these heifers are as good as any he has shipped to us yet. Don't miss them.

We have 2 consignments of top local heifers that are either fresh or close springers. All are artificially bred, show top production and good size. All fresh animals will have milk weights and freshening dates available.

This is the sale to attend to buy additional heifers to make base or to improve your herd. Plan to be with us for this excellent offering of top Holsteins.

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STOCKER AND FEEDER AUCTION SALE

SECOND FRIDAY EACH MONTH.

NEXT SALE AUGUST 11, 1972 AT 1:00 P.M.

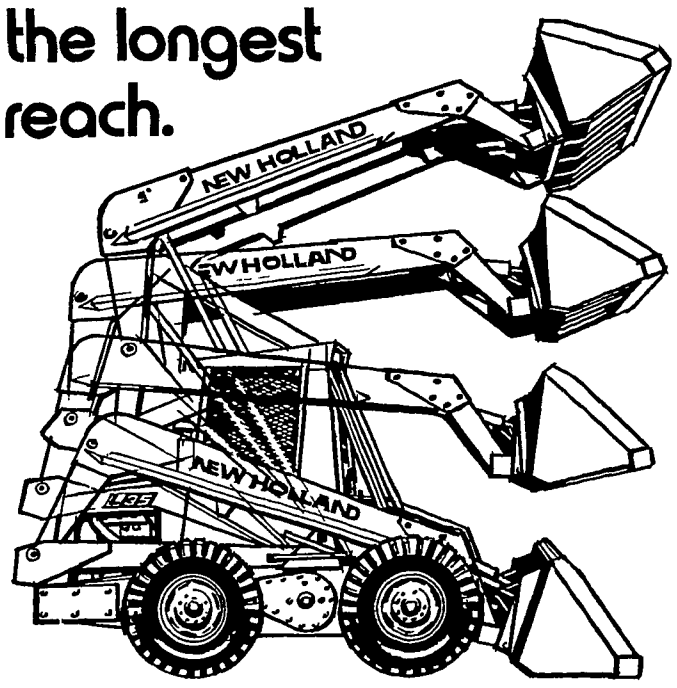
All Grades, Breeds, Weights, Load Lots - Small Lots

LANCASTER STOCK YARDS

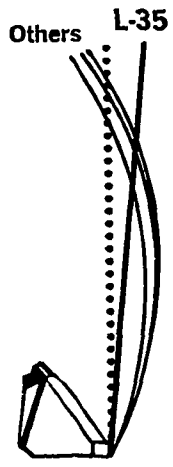
LANCASTER, PA. PH 717-394-2611

New from NEW HOLLAND:

The loader with the longest reach.



The New Holland Model L-35 utility loader reaches higher and farther forward than others in its class. It lifts more, too. Operating load (SAE) is 1,800 lbs. And you can change from buckets to forks to blade in seconds. Even converting to back hoe takes only a few minutes.



New Holland bucket thrusts forward. Others arc back.

ASK US FOR A DEMONSTRATION

NEW HOLLAND
DIVISION OF SPERRY RAND

C. E. Wiley & Son Inc.

Quarryville, Pa. Phone - 786-2895

ARE SILAGE ADDITIVES NECESSARY?

You will want to attend the
Lancaster Farm and Home Center
Tue. Aug. 15, 1972 at 8:00 P.M.

The program will consist of slides, university reports, types of additives and examples.

Sponsored by Furst McNess Co., Specializing in Enzyme Silage Booster, Wholesale to Farmers at only 35c per ton.

No obligation-Bring a Friend-Ladies Welcome
For Information Phone 215-445-6983

299th GARDEN SPOT SALE

THURSDAY, AUGUST 10

LANCASTER, PA.

At the J. M. Brubaker farm located 4 miles south of Lancaster on Silver Lane in Willow Street, Pa. From Lancaster follow 272 south 4 miles to Penn Grant Rd. and turn east. Follow to Silver Lane. From south turn east of 272 at Penn Grant Rd. and follow to Silver Lane.

65 HOLSTEIN CATTLE

(60 Registered - 3 Grades)

All tested for interstate shipment and ready to ship. Exam for Preg. & Mastitis.
Sale Features ——

DAVID Z. KENNEDY DISPERSAL!! 50 HEAD!
Mr. Kennedy lives in Newport, Pa. and must have a quick sale. It's your advantage.

TOP PRODUCTION SELLING!!
5 sell from 731 f. to 785-lbs fat
11 sell from 603 to 691-lbs fat.
9 sell from 512 to 598-lbs fat.
4 from 432 to 497-lbs fat.
Others on test with first calf.
3 sell over 20,000 to 21,263 M.
3 more over 19,000 Milk
3 more over 18,000 milk.

SIRES REPRESENTED!!
5 by "Kingpin" - 5 by Wis Symbol Pride - 5 by "Gent" - 3 by "Transmitter" 3 by Skokie Retent Duke - 4 by Salute Summitt View - 3 by "Galaxy" - 2 by "Vern" and other Sire Power Sires.

ALL ARE BRED TO SIRE POWER SIRES!!
10 bred to Tidy Burke Transmitter - 8 to Lucky Tpyeblazer - 1 to Vern - 1 to Ideal

10 AMPS OF "KINGPIN" SEMEN SELLS!!
Many are just fresh or due in next two months for fall production.

OTHERS SELLING INCLUDE——
- A 535-lb "Kingpin" out of a "VG-87" "Ivanhoe" with 763 fat. Just fresh. Kreisle & Lehman
- A just fresh 57-lb, 2 yr. dtr. of "Topper" out of a 14,000-lb dam.
- A 537-lb dtr. of Maestro Dictator just fresh.
- A "VG" Sequoia Ideal Jo dtr. out of an "Ivanhoe" just fresh.
- Top heifer out of an 18,000-lb "Ivanhoe", 2nd dam with 175,000 M.

MAKE YOUR PLANS NOW TO ATTEND AND BUY FROM THIS GARDEN SPOT SALE!!

It's a hurry up sale with 40 cows and balance heifers and calves from herd.

Sale starts 12:00 Noon Lunch Available Catalogs

R. AUSTIN BACKUS INC.
Sale Mgrs. & Auctioneers
Mexico, N.Y.

EARL L. GROFF
Local Rep.
Strasburg, Pa.

Public Sale Register

READ LANCASTER FARMING
FOR FULL MARKET REPORTS

PUBLIC AUCTION

DAIRY SALE 70 HEAD OF HOLSTEINS

THURSDAY NIGHT AUG. 10, 1972

STARTING 8:00 P.M. SHARP

SALE LOCATED 5 MILES NORTH OF RT. 222 ALONG 897, 2 MILES NORTH OF REINHOLDS

This includes an entire herd of 47 head from Bradford Co. of top cows. In this herd there are 11 first calf heifers due from now until fall-the right kind. Some extra good fall cows and the balance in various stages. Will also have a load of top Canadians and some purebreds and a top red and white Holstein heifer sired by Bond Haven Nugget. The balance are top young cows sired by Kingpin, Gent, Admiral and other outstanding NEBA Sires. If in need of cows, Don't miss these.

HEALTH CHARTS NITE OF SALE

RANDAL KLINE — AUCTIONEER

VERNON AND RAY KLINE — OWNERS
PHONE Area Code 215 267-2368 or 267-2298
Not Responsible For Accidents
Refreshment Stand

RUFUS EDRIS REGISTERED HOLSTEIN DISPERSAL

Location: 3 miles North of Lebanon off Route 343, 1415 Thompson Ave, Penna. Watch for sale arrows.

WED., AUGUST 23, 1972

12:00 NOON

62 Head of Reg. Holstein Dairy Cattle
36 milking
8 heifers due summer and fall
6 breeding age
3 yearlings
9 calves
Mostly Atlantic & Curtiss breeding
All home raised—Not pushed
Cows milked up to 90 lb., several over 80 lb.
TB & Bangs Cert. Charts sale day.

Sires represented: M.D.K. Posh 4, Master Duke 2, Flashy Boy 3, Paramount 4, Duke Archie 1, Ivanhoe Jack 1, H. Ref. Model 3, Osborndale Ivanhoe 1, Paclamar Ivanhoe Black Eagle 7, Valentine El Minute Man 6, Paclamar Astronaut 2, and others.

Calving schedule: July 4; Aug. 3; Sept. 6, Bal. throughout year.

Service Sires—Paclamar Astronaut, Star Man, Penn Gate Fond Ref., Penn State Ivanhoe Black Eagle, U N H President King.

Surge B D 4 milker pump, 4 Surge units with narrow bore cups, Kasco dumping station with 100 ft. plastic hose, double S S tubs (nearly new), 80 gal. elec. hot water heater.

OWNER,
Rufus Edris
Phone 717-865-2709

J. Everett Kreider & Carl Diller
Auctioneers & Sales Mgrs.

Lunch by Ladies of Midway Church of the Brethren.

SAT. AUG. 5- Public Sale of valuable grocery store, equipment and grocery supplies located 2 miles west of New Holland on Route 23 in the town of Groffdale. Sale at 10 A.M. Real Estate at 2 P.M. Terms by Elam K. Burkholder; Robert E. Martin 656-7770 and Frank Steller 656-9055, auctioneers.

SAT. AUG. 5- 1 P.M. Registered Holstein Heifer Sale located 4 miles South of Oxford, Pa. off Rt. 472 Chester County near Hickory Mill. Sale by Robert L. Walters; Carl Diller and J. Everett Kreider, Auctioneers.

TUES. EVE. AUG. 8- 7 P M. Public Sale of Valuable Real Estate and Mill Equipment on the premises located 2 miles north of Route 23 on Route 625, east of Blue Ball, Pa., along the Conestoga Creek. Terms by Grace C. Burkholder, Martin, Blue Ball, Pa. Auctioneers.

TUES. AUG. 8- 7:30 P.M. Public Auction of Dairy Cows, complete herd of 48 Holstein cows and Heifers to be sold at Rudnick's Dairy Barn at Galena, Md.

WED. AUG. 9- Public Horse Sale at my new place of Business along Rt. 340, 2 miles East of Intercourse, Pa. Tack at 6 P.M. Horses 7 P.M. Horses Hitched 1 P.M. Sale by Paul Z. Martin, Martin Auctioneers.

THURS. AUG. 10- 8 P.M. Public Auction of 70 Head of Holsteins to be held 5 miles north of Rt. 222 along 897, 2 miles North of Reinholds. Sale by Vernon and Ray Kline, owners; Randall Kline, Auctioneer.

THURS. AUG. 10- 12 Noon 299th Garden Spot Sale at the J.M. Brubaker farm located 4 miles south of Lancaster on Silver Lane in Willow Street, Pa. From Lancaster follow 272 south 4 miles to Penn Grant Rd. and turn east. Follow to Silver Lane. From south turn east off 272 at Penn Grant Rd. and follow to Silver Lane. R. Austin Backus Inc., Sale Mgrs. and Auctioneers, Mexico, N. Y. Earl L. Groff, Local Rep. Strasburg, Pa.

FRI. AUGUST 11- 8 P.M. Public Auction of 65 Head Registered & Grade Fresh and Springing Holstein Heifers to be held in the dairy barn arena at the Aberdeen Sales Co. in Churchville, Harford Co., Md. located on Md. Rt. 22, 6 miles east of Bel Air, Md. (via U.S. Rt. 9) and 6 mi. west of Aberdeen, Md. (via I-95 or U.S. Rt. 40). Sale by Aberdeen Sales Company, Sale managers and auctioneers.

SAT. AUG. 12- 11 A.M. Public Auction of tractors and full line of planting, harvesting and ground

(Continued on Page 32)

PUBLIC SALE, SATURDAY, AUGUST 19, 1972, starting at 9:30 a.m., real estate, farm machinery, household goods, antiques, and miscellaneous items. Located three miles south of Turbotville, Pa. in Northcumberland County. Turn off Paradise Street or one mile north of Paradise Church or 7 miles northeast of Milton, Pa. 98 acres more or less. Two spring fed streams, two wells, eight room house, bath, stoker, hot water heat, large bank barn, silo, machinery shed with corn storage. Terms: Personal property-cash; real estate-10 percent down, balance in 30 days on delivery of deed. Auctioneer, George H. Deitrick; Attorney, H. William Koch. For property information, Phone 717-649-4251 or 717-568-5454. Owner, William N. Rhone.

★ Public Sales Register ★

PUBLIC HORSE SALE

At my new place of business along Rt. 340, 2 miles East of Intercourse.

WEDNESDAY, AUGUST 9, 1972

20 head of Standardbred Horses from New England States for Roy Shirk.

10 head of New York State Horses, good Big Carriage horses for Abe King.

Local and consigned horses.

Tack at 6 P.M. Horses 7 P.M. Horses hitched 1 P.M.

PAUL Z. MARTIN

Martin Auctioneers.

Next Horse Sale Aug. 23. Equipment Sale Aug. 30.

PUBLIC SALE

MONDAY EVENING, AUG. 7 AT 7 P.M.

At West Nottingham Sales Barn
Route 276, Rising Sun, Maryland

50 HEAD BEEF CATTLE

Complete Dispersal of Angus and Charolais Cows and Calves

Sale held in conjunction with regular Monday Night Sale.

WEST NOTTINGHAM AUCTION

Frank Lee Moore and Lloyd H. Kreider,
Auctioneers and Sale Managers

(Continued from Page 31)

working equip. Sale by William Cushwa, owner at Rock Hall, Md. H. Rudnick and Sons, Auctioneers, Galena, Md.

TUES. AUGUST 15- 10:30 A.M. Cooper Hill Farm Milking Herd Dispersal at the Charlie Myers Black & White Farm sale barn located west of Lancaster just off Rte. 283. Exit at Florys Mill Rd., just past ABC Stud Barns. Sale by A. J. Malnati, owner, Ashley Falls, Mass. 01222. R. Austin Backus Inc. Sale Mgrs. & Auctioneers, Mexico, N. Y.

WED. AUGUST 16- 10 A.M. C. H. Wolgemuth & Sons Fall Farm Equipment Sale located 4 miles west of Manheim, 1 mile west of E. Fairview Brethren Church, Lancaster Co., Pa.

HARRY RUDNICK & SONS, INC.

SALES LIVESTOCK

EVERY TUESDAY

Galena, Md. **Phone: 648-5100**

TUESDAY, AUGUST 8, 1972 AT 7:30 P.M.

48 HOLSTEIN COWS & BRED HEIFERS 48

This herd consists of 37 Holstein Cows in various stages of lactations, some fresh, some close springers, others in full flow of milk . . . The cows are large in size, showing lots of type and production . . . 10 Bred Holstein heifers due this fall . . . 1 Holstein herd sire by artificial breeding . . .

"Consigned by - B. B. MULLETT of Greenwood, Del. . . .

28 REGISTERED HOLSTEIN OPEN AND BRED HEIFERS 28

This group of Registered heifers are all from one herd mostly artificial breeding featuring daughters of Kinstead Ivanhoe, Tidy Gent, Lemax Leader Ideal, Woodbine Ivanhoe Dandy and Howacres Grandier Pioneer, others by Herd Sire . . . 11 Are Bred for August thru Dec. Freshening, 17 are open from 8 months to 18 months of age . . .

"Consigned by - ELMER EDWARDS of Greensboro, Md. . . .

Sale Location at Galena, Md., Joe Rudnick, Auctioneer

THURS. AUG. 17- 11:30 A.M. Mr. & Mrs. Jacob K. Zook & Family Milking Herd Dispersal at the farm located 7 miles west of Port Royal; turn off Rte. 75 at Spruce Hill Lunch. One Mile to farm. 45 miles west and north of Harrisburg, Pa. Watch for signs on 75. R. Austin Backus, Inc. Sale Mgrs. & Auctioneers, Mexico, N. Y.

SAT. AUG. 19- 9:30 A.M. Public Sale of Real Estate, farm machinery, household goods, antiques and miscellaneous items located three miles south of Turbotville, Pa. Turn on Paradise Street or one mile north of Paradise Church. Sale by William N. Rhone; George H. Deitrick, Auctioneer.

WED. AUG. 23- 10:00 Noon Rufus Edris Registered Holstein Dispersal located 3 miles North of Lebanon off Route 343, 1415 Thompson Avenue, Penna. Watch for sale arrows. J. Everett Kreider and Carl Diller, Auctioneers and Sale Managers.

SAT. AUG. 26- 10 A.M. Public Sale of Real Estate, Antiques and Household Goods located along East Penna. Ave. ext. in Stewartstown, York Co., Pa. Terms by Dollie Grove, Owner; Robert L. and Thomas H. Sechrist, Auctioneers.

MON. SEPT. 4- 1 P.M. Brood Cows and Feeder Cattle Dispersal located in Adams County, Pa. off route 94 South 1 mi. of East Berlin square, go to Adams County Fair Ground, on route 194 then turn South East ½ mi. to sale. Sale by Claude Grim Sons Inc., East Berlin; Clair Slaybaugh, Auctioneer.

HOME OF QUALITY MACHINERY

CORN PICKERS

N. I. 323 1 row pull
N. I. 310 1 row pull
N. I. 10 1 row pull
N. I 2 row pull 30" and 40" with 8 or 12 roll beds.
Oliver 73 2 row pull
Oliver 5 1 row pull (demo.)
M. M. 2 row pull (12 roll bed.)
J. D. No. 18 1 row pull
N. I. 2 row mtd. 8 & 12 roll bed.
Ford 2 row mtd.
Int. 234 & 2 M. H.
J. D. 237 & 227
Oliver 74 sheller
A.C. 2 row mtd.
Sheller attachments and grinders.

CORNHEADS

Int. 227 2 row
Gleaner E 2 row & 3 row
M. F. 421 4 row (fits 410)
J. D. 334 3 row (fits 95)

A.C. 1400 w-loader (100 hours)
Case 530 CK Diesel w-loader
(2) J.D. 2010 Ind. w-loader **$2000.00**
Ford 641 backhoe and loader **$2000.00**
Ford Major backhoe and loader **$1095.00**
New backhoe buckets **$125**
(2) Case 530 CK backhoe & loader (G & D)
J.D. 840 self-loading pan
(2) trenchers
Case W9 payloader (cab)
Hough payloader (small)
Melrose 600 bobcat
Melrose 400 bobcat
Int 500 crawler loader
Int TD6 crawler
J.D. 440 crawler loader **$1095.00**
J.D. 420 crawler loader
(2) New dozer blades **$600.00**
Int. 150 crawler loader (power shift)
Int TD6 crawler dozer
Case 310 crawler loader
Int T340 crawler loader
Cat 955 H power shift
J.D. 450 crawler loader
(16) New loader buckets Dealer net **$270.00** for sale now at **$195.00**
(2) Schramm air compressors
M.F. Workbull backhoe and loader
Case 580 forklift
Int 5614 forklift
Ford 600 forklift
Case 580 backhoe
J. D. 500 backhoe
Int. 3444 backhoe

NEW SPECIALS

1500 bu corn cribs - **$435.00**
5 ton wagons - **$145.00**
180 bu gravity bins - **$225.00**
Post hole diggers 12" augers **$175.00**
6' 3 pt blades - **$85.00**
5' 3 pt rotary mowers - **$250.00**
PLUS MUCH, MUCH, MORE

COMBINE HEADQUARTERS

HARVESTER HEADQUARTERS

NEW HAYBINES

9' Owattona	**$2195.00**
7' Owattona	**$2195.00**
9' John Deere	**$1975.00**

WE HAVE ACRES AND ACRES OF *QUALITY* FARM MACHINERY OF EVERY MAKE, SIZE, AND DESCRIPTION

WENGER'S FARM MACHINERY, INC.

South Race Street, Myerstown, Pennsylvania **Phone 717-866-2138**

Farm Calendar

Monday, August 7

2:00 a.m. — Ephrata Young Farmers Fishing Trip, Rock Hall.

Tuesday, August 8

8:00 p.m. — Farm & Home Foundation Board of Directors Meeting, Farm and Home Center.

Wednesday, August 9

American Junior Quarter Horse Assoc. Finals Show & Annual Convention, Amarillo, Texas, August 9-12.

Thursday, August 10

10:00 a.m. — Lancaster County Guernsey Field Day, Jesse Balmer Farm, Lititz R4.

10:00 a.m. — Chester County Guernsey Field Day, Bryncoed Farms, Chester Springs.

Noon — Annual Meeting, District 18, American Dairy Association and Dairy Council, Loganville (Pa.) Community Park

PLANT MUNCY CHIEF 200 BU. HYBRIDS

These are the young folks bought at Slave Auction at Lancaster Farm and Home Center last week by Muncy-Chief Hybrids, Muncy, Pa. We want to thank these young people for giving their time and interest for the benefit of the Farm and Home Center. On the left is Mr. J. Samuel Sherer, Muncy-Chief area representative, Mount Joy; and on the right Mr. Milton Hoffman of Muncy-Chief Hybrids. The local youth are: Sandy Arnold, Landisville; Roda Stauffer, Ephrata; Suzanne Irwin, Lancaster; Judy Risser, Leola; Carol Kettering, Lititz; Daryl Bollinger, Manheim; Ricky Hess, Randy Hess and Gary Dean, Strasburg; Leslie Keener, Mount Joy; and Dudley Rohrer, Manheim.

Mail Box Market

Photographer - National advertising, weddings, brochures. Newswanger's Studio, 1028 Penn Grant Road, Lancaster, Phone 464-2221 or 394-4219

Wanted - Carpenter work Will build houses, pole barns, corn barns, garages or chicken houses. Write Samuel S. Lapp, Christiana, Pa , Box 274, 17509 or Driver. Phone 529-2841.

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines Willow Glen Farm, RD1 Strasburg, Pa PH: AC 717-786-2562.

For Sale - Landrace and Duroc Boars and Gilts, 100 lbs. and up Bred Gilts, Purebred or Crossbred on order. Harold Mummert, 6 miles Southwest of York, Phone 717-741-2170.

Wanted to trade or buy a Suffolk ram lamb or ram Kenneth Borry, 653-5016, Mount Joy.

Mail Box Market

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines Willow Glen Farm, RD1 Strasburg, Pa. PH: AC 717-786-2562.

For Sale - 1960 10 x 56 mobile home, new gun furnace, must be moved, excellent condition, furnished or unfurnished $2900. Available Sept Phone 393-9279

For Sale - 3 Registered Holstein Heifers due in 4 to 6 weeks, good size. 1 Grade due in 1 month Phone 215-932-9762

For Sale - Used roll-away nests and hanging feeders, 1 miles east of Intercourse, Westview Road. Daniel R King, Gordonville RD1

Sheep dip tank for rent Fd. Ch. sired Beagle pups for sale, ready for field training Warn Menhennett, Cochranville, Phone 215-593-5726.

For Sale - Guinea pigs over 150 in many colors and all white. Make nice pets, Lairds at Downingtown, Phone 215-269-1191

1972 CLEARANCE

ON

NEW ½ & ¾ TON DODGE TRUCKS

Dodge Darts all colors V8 and 6 Stick and Automatic

PETTICOFFER DODGE INC.

1579 S. Market St. (Route 230 East)
Elizabethtown. Pa. Ph. 367-1808

Mail Box Market

For Sale - 250 yearling Leghorns 50c each; also power lift for Oliver Superiour grain drill Apply to John M Martin at Fivepointville, N E 1st farm right

For Sale - 400 gal Mojonnier bulk tank with No. 7 inside finish and Lehigh compressor. Tank washer for same Phone 717-284-4776

For Sale - Ritchie hog waterers, Electric heaters, never used Also tobacco laths Phone 717-426-1763

For Sale - 5,600 Hy-Line yearlings for recycling Would like to move August 25 Contact Pennfield Corporation and ask for Reynolds Minnich Phone 717-392-2145

Wanted - Good used 2 plow tractor with hydraulic system Phone 872-5712

For Sale - Hay feeders 16 ft long $85.00 Also grain and silage carts. Christ B Stoltzfoos, RD 3, Box 354, Quarryville, Pa 17566 1 mi east of Green Tree

Wanted - A barn or building to store farm equipment in. Would like it in the Elizabethtown area Phone 367-6064

For Sale - Earl corn 12 or 15 tons $40 per ton at barn Phone 215-584-6667

For Sale - Fox Terrier pups Call Mervin Weaver, 445-6067

For Sale - 16 ft new wagon bed $70.00 Phone 445-4600

For Sale - 1 aluminum silo roof for 10 or 11 foot silo Christ S Lapp, RD 1, Gordonville, Pa on Scenic Road, 2 miles South of New Holland

RED FEVER DAY

WEDNESDAY, AUGUST 9, 1972

FROM 10:00 A.M. TO 4:00 P.M.

WILL BE HELD ON ELLIS MENTZER FARM
NEW HOLLAND ROAD—SOUTH OF NEW HOLLAND

Come and See The Following Equipment Demonstrated Throughout The Day.

1 454 with loader
1 574 with 3 furrow 531 Plow
1 544 Utility or Farmall & 420 Baler or 440 w-thrower
1 656 and 56 blower w-one 5 ft. Section Swine Pipe
1 454 and No. 10 forrage wagon
1 544 Farmall and 990-9 ft. mower conditioner
1 225 - 10 ft. hay Swather
1 966 - and five bottom No. 710 Plow
1 1066 hydro & No. 650 harvester w-pick-up
1 1066 & 18½ No. 45 Vibra Shank w-mulchers
1 1466 & Glencoe Soil Saver
1 615 - Combine w-both heads

EVEN IF YOU'RE NOT READY TO TRADE-IN YOUR TRACTOR, WE'LL TRADE IN YOUR OLD CAP FOR A NEW ONE FREE.

BRING ALONG THE CAP YOU'VE BEEN WEARING IN THE FIELD. (NO MATTER WHOSE INSIGNIA MAYBE ON IT.)

THE OLE SHERIFF (Bob Montgomery) Will Be There.

LUNCH WILL BE AVAILABLE FROM LADIES AUXILIARY OF THE INTERCOURSE FIRE CO.
ALL PROCEEDS WILL GO TO THE BENEFIT OF THE LADIES AUXILIARY OF THE INTERCOURSE FIRE CO.

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON

INTERCOURSE, PENNA. PHONE 768-8231

classified ads

Phone 394-3047 or 626-2191

Real Estate

FARM FOR SALE

Look at this.

A Real Farming Opportunity.

154 acre farm, all tillable, good corn growing land. Land is gentle, rolling to level, within six miles of Somerset, Pa. Buildings on farm are 12,672 capacity cage layer house, barn 50x115 feet with silo, implement shed 30x60 ft., 2 story farm house, full basement, 1st. floor-kitchen, dining and living room area; 2nd floor-bath and four bedrooms, full attic, 7 year old coal furnace, Summer house, garage and basement. 1st floor-2rooms, 2nd floor-one room.

House trailer on foundation 12'x70', 3 bedrooms, bathroom, utility room, kitchen and living room, oil heat, automatic washer and dryer, dishwasher, electric stove and refrigerator.

Barn is being used to farrow pigs or would be a good steer barn Layers are just coming into production.

This farm has a lot of possibility Would sell complete with farming equipment, layers and sows or just the farm and contract the layers. Would help to arrange financing Might consider renting or employ someone to work.

Complete price for farm, equipment, house trailer, layers and sows $143,000. Available immediately.

For information Phone Area 717-545-7212 or 717-766-0744

THE BEST TIME IS NOW

Five or ten years ago would have been better; but if you need a farm, the best available time for you to buy is now. Give us five minutes to tell you why and a day to show you excellent opportunities.

Excellent land with a broiler production contract, an automatic broiler house, excellent dairy facilities and the owner is eager to sell.

Southern Lancaster County, 205 acre dairy farm, modern facilities and a nicely remodeled farm house.

Land, as good as you will find anywhere, 100 acres, with more adjoining land available. It is now a beef and a hay farm but an excellent farm for any purpose.

160 acre limestone dairy farm. Some improvements needed to develop maximum capacity. You can buy it right and have an excellent dairy farm.

134 acre dairy farm with a fine young herd of Holsteins which can be purchased with the farm. A beautifully remodeled home. Possession available this fall

WOODLAND TRACTS

For all kinds of recreation, summer or winter, fishing, hunting, camping, snowmobiling, or whatever you enjoy. In Tioga County on the Pennsylvania Grand Canyon a 323 acre tract with level land and steep slopes, two streams and beautiful waterfalls. Also near the canyon a 60 acre tract. Near Mansfield 90 acres all woodland but 15 acres, and 150 acre tract, 130 woodland, and 20 meadow. In Whyoming County, just east of the Sullivan County line, 60 acres of woodland with a two bedroom cabin.

FOR FARMS FROM MARYLAND TO THE NEW YORK BORDER
CALL KINGSWAY REALTY.

Kingsway Realty

149 EAST KING ST. LANCASTER
PHONE 299-0791

Real Estate

Used 600 gal. Mojonnier Milk tank Slightly damaged, good for holding tank. 10 can used milk cooler. good condition
CLARK ELECTRIC
RD1, Kinzers, Pa.
Ph: Intercourse 768-8228

For Sale - Surge pipeline with automatic washer, 224 ft. glass. Make offer. Phone 814-766-3596

Livestock For Sale

Registered Duroc and Yorkshire Boars, open and bred Gilts for sale at all times, popular bloodlines, will deliver quantity lots. Duroc and Yorkshire Cross Gilts at times. Calvin H. Lazarus & Sons, 4290 Bridge St., Whitehall, Pa. Lehigh Co. 18052. Phone 215-799-3375.

FOR SALE: 40 head of top Holstein 1st calf heifers. These heifers are due to freshen in August & September. They are by artificial breeding and show good production. Heifers weigh from 1200 to 1400 lbs. Phone: 301-734-6050 or at night, 301-734-7105.

For Sale - Springing Holstein Heifers due Aug. and Sept. John K. Stoltzfus, Gap, Pa. along Rt. 30.

Yorkshire service Boars and Open Gilts. Also weanling Boars and Gilts. Delivery available.
LEON L. ARNOLD
1245 E. CUMBERLAND ST.
Lebanon, Pa. 17042
1-717-273-5880

Hampshire and Yorkshire Service Age Boars and Bred Gilts. Contact John Strawbridge, Stewartstown, Pa. 17363, Phone 301-996-2022

For Sale - Registered Jersey Heifers. Due to freshen August and September. Phone 717-284-4672

SPF origin Hybrids bred to meet demand of commercial producer. Excellent litter size and growth rate. Final cross is four-way cross which adds vigor and carcass quality. Jet Age Swine Breeders, Inc., Nicholas Kohut,Manager. 717-768-8378.

Need Extra Income? Raise hogs on contract. Phone 717-442-4632 daytime

Wants to Buy - Red & White Holstein Calves. Kenneth D. Myer, RD3, Elizabethtown, Pa. Phone 717-367-3344.

Real Estate

R.D. Elizabethville (Dauphin Co.) 4½ acres with 4-BR dwelling—alum. siding with steam heat. 2 modern poultry houses equipped for 12,000 layers. Includes egg washers, graders, refrig. bldg. and other equip. Barn & wagon shed. Can offer better than 90 per cent financing and help secure yearly income on egg prod. to right party. WILLIAM B. LENTZ, BROKER, MILLERSBURG, PA. John C. Troutman, Rep. Ph 692-2206.

For Sale - 30 acre farm in S.E. York Co. Eight room house with bath and siding, barn and wagon shed all in good condition. Two meadows with stream ideal for horses. Phone 717-862-3610 $39,800.

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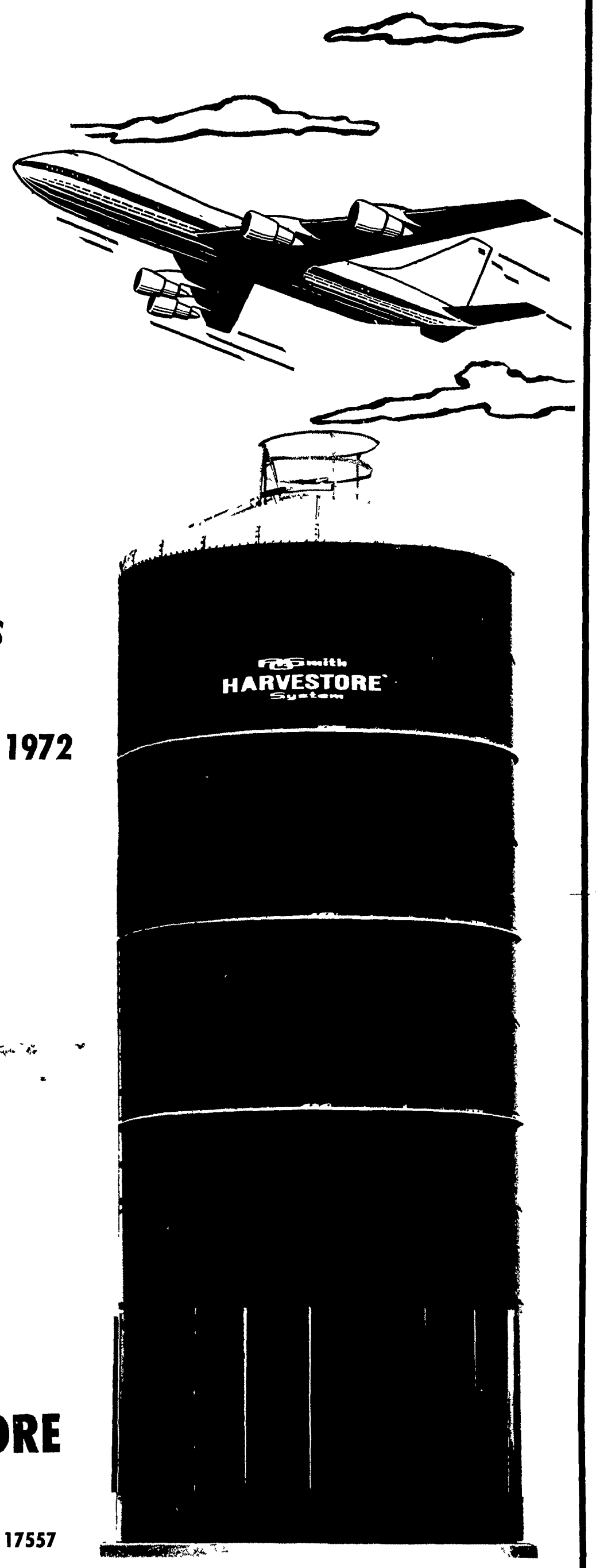

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